SELECTED REFERENCE
39

COMMUNITY INVOLVEMENT PLAN

ANNETTE ISLAND, ALASKA

FINAL

MARCH 2000

Alaska District

Jacobs Engineering Group Inc.

In affiliation with:
Anderson Alaska, Inc.
Philip Services Corporation
Radian International, LLC
Shannon & Wilson, Inc.
Wilder Construction Company

Total Environmental Restoration Contract

COMMUNITY INVOLVEMENT PLAN

ANNETTE ISLAND, ALASKA

FINAL

MARCH 2000

Prepared for:
U.S. Army Corps of Engineers
P.O. Box 898
Anchorage, Alaska 99506-0898

Prepared by:
ENSR Corporation
4600 Business Park Blvd., Ste. 22
Anchorage, Alaska 99503

Under the direction of:
Jacobs Engineering Group Inc.
4300 B Street, Suite 600
Anchorage, Alaska 99503

Total Environmental Restoration Contract
Contract No. DACA 85-95-D-0018
Task Order No. 14

TABLE OF CONTENTS

FIGURES

APPENDICES:

ACRONYMS AND ABBREVIATIONS

ARLIS	Alaska Resources Library and Information Services
AST	Aboveground Storage Tank
BIA	Bureau of Indian Affairs
C3 Plan	Coordinated Comprehensive Cleanup Plan
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CIP	Community Involvement Plan
Corps	U.S. Army Corps of Engineers, Alaska District
DERP	Defense Environmental Restoration Program
DoD	Department of Defense
DoW	Department of War
EC&R	Environmental Compliance and Restoration (EC&R)
ERAC	Environmental Restoration Advisory Committee
FAA	Federal Aviation Administration
FUDS	Formerly Used Defense Sites
MIC	Metlakatla Indian Community
MOU	Memorandum of Understanding
NALEMP	Native American Lands Environmental Mitigation Program
NDB	Non-Directional Radio Beacon
PCB	Polychlorinated biphenyl
POL	Petroleum, oil, and lubricants
RAB	Restoration Advisory Board
RCAG	Remote Communications Air-Ground Facility
SARA	Superfund Amendments and Reauthorization Act
UST	Underground storage tank
VORTAC	High Frequency Omnidirectional Range Tactical Aircraft Control and Navigation

Intentionally blank

PREFACE

This Community Involvement Plan is a guide for the U.S. Army Corps of Engineers, Alaska District (Corps), the Federal Aviation Administration (FAA), the Bureau of Indian Affairs (BIA), and the U.S. Coast Guard to conduct two-way communication with the public about cleanup of contamination associated with former federal activity on Annette Island, Alaska. Former federal, including military, sites were identified for cleanup due to past activities on the island beginning in 1940 when the Department of War leased 10,000 acres.

Cleanup activities on Annette Island are being conducted by these federal agencies and are coordinated with the Metlakatla Indian Community. The Metlakatla Indian Community is the only Indian Reserve in the State of Alaska and has a unique relationship with the federal and state governments.

The introduction of this Community Involvement Plan briefly describes the laws, programs, and requirements that are associated with this project and outlines historic military use of the island. It also discusses federal agency coordination with the Metlakatla Indian Community, and how these agencies interact. Section 2.0 includes a brief discussion of the agencies' environmental cleanup sites on Annette Island; Section 3.0 provides a profile of the Metlakatla community and discusses key community concerns and issues; and Section 4.0 discusses the community involvement program designed for the federal agencies' environmental cleanup projects.

Readers may refer to the list of acronyms and abbreviations, immediately before this preface, for definitions of acronyms and abbreviations encountered in this document. A glossary of terms is provided in Appendix A.

Intentionally blank

1.0 INTRODUCTION

1.1 COMMUNITY INVOLVEMENT PLAN OVERVIEW

This Community Involvement Plan (CIP) describes community events, publications, and activities designed by the U.S. Army Corps of Engineers, Alaska District (Corps), the Federal Aviation Administration (FAA), the Bureau of Indian Affairs (BIA), and the U.S. Coast Guard to keep interested residents and local officials informed about the progress of environmental cleanup activities being performed by the agencies at former federal sites on Annette Island (see Figure 1-1). This CIP also identifies current issues of community concern regarding these sites and outlines the methods for soliciting community input.

The Corps is required to prepare this CIP in conjunction with its environmental activities at Annette Island. Such community relations activities are a requirement under Department of Defense (DoD) program guidance (Corps 1996).

The goals of the federal agencies' community involvement program are to:

- Inform interested citizens and local officials about progress of investigations and cleanup activities;
- Encourage two-way communication between the agencies and the community; and
- Provide opportunities for the public to contribute to the planning of cleanup alternatives on Annette Island.

Community concerns may change as the project continues. Promoting two-way communication with the public during the investigations and cleanup is especially important so that community concerns are addressed in an effective and timely manner.

1.2 HISTORIC MILITARY USE

In 1940, the Department of War (DoW) leased 10,000 acres from the Metlakatla Indian Community (MIC). DoW activities included building a World War II airfield/defense base for 7,000 troops and establishing a minor U.S. Navy base, a major U.S. Coast Guard base, a

d:/autocad/annette/C_3/Annette1 15 June 99 JEG

METLAKATLA PENINSULA
ANNETTE ISLAND, ALASKA

Figure 1
Location and Vicinity Map

U.S. Air Force ballistic missile early warning system complex, and a U.S. Army radar/ communications system.

Non-military agencies, such as the FAA, the U.S. Forest Service, and the National Weather Service, helped build and support the World War II facility. After the DoW left Annette Island in 1949, the FAA assumed 5,000 acres of the original DoW lease, including most of the military facilities. The FAA operated the Annette Island Airport until 1973 when the new Ketchikan International Airport displaced it. The U.S. Coast Guard continued to use the airport until 1977 when they relocated their operations to Sitka.

1.3 FEDERAL AGENCY MEMORANDUM OF UNDERSTANDING

The federal agencies' approach to environmental activities on Annette Island involves working closely with MIC over the next several years to achieve cleanup goals that are protective of human health and the environment. In August 1997, the Corps and BIA signed a "memorandum of understanding" (MOU) with MIC to establish an MOU Work Group. The FAA later signed the memorandum, and the U.S. Coast Guard is considered an informal member of the MOU Work Group. The group's objective is to cooperate on environmental issues associated with past federal government activity, including military activity, on Annette Island. The MOU Work Group meets monthly, usually in Metlakatla, and conducts biweekly telephone conference calls to discuss the status of Annette Island environmental activities.

In June 1999, the MOU Work Group and the U.S. Coast Guard finalized a document called the Coordinated Comprehensive Cleanup (C3) Plan (MOU/USCG 1999). This document is a tool to help the federal agencies to cooperatively address environmental issues associated with past government activity at approximately 93 sites on the Metlakatla Peninsula. The purpose of the C3 Plan is to help the Corps, BIA, FAA, and U.S. Coast Guard outline the environmental work needed and maximize the efficiency of government cleanup efforts.

1.4 ENVIRONMENTAL CONCERNS

During military and other federal agency use of the World War II facilities, a combined total of one million gallons of fuel were stored at several areas on Annette Island. Environmental impacts resulting from past governmental activities include soil contamination found around some of these fuel storage sites. Lead, asbestos, and oils containing polychlorinated biphenyls (PCBs) have also been found at building sites formerly leased by the government. In addition, abandoned drums, government vehicles, airplane parts, and other wastes are located at over a dozen sites formerly leased by the military and other federal agencies.

1.5 ENVIRONMENTAL PROGRAMS AND FUNDING SOURCES

1.5.1 Corps Programs/Funding

The Corps administers a DoD program called the Defense Environmental Restoration Program for Formerly Used Defense Sites (DERP-FUDS program). After the passage of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) in December 1980, authority was delegated to DoD to clean up hazardous substances released from active and formerly used defense properties. In the early 1980s, the U.S. Congress established the DERP-FUDS program due to concern about abandoned military buildings and debris, and past releases of hazardous substances at these federal facilities.

The Corps office responsible for the environmental cleanup and community involvement activities on Annette Island is located in Anchorage. The primary regulatory guidance for the DERP-FUDS program cleanup is CERCLA, as amended in 1986 by the Superfund Amendments and Reauthorization Act (SARA). These regulations and a companion document, the *Program Manual, Defense Environmental Restoration Program for Formerly Used Defense Sites* (Corps 1996), describe required community involvement activities.

The Corps is performing environmental investigation and cleanup at former military sites under two different DoD funding programs. The DERP-FUDS program is the primary funding source for cleaning up former military sites. Another funding source is the Native

American Lands Environmental Mitigation Program (NALEMP). This is a smaller program, and the DoD typically performs much of its NALEMP work by contracting directly with Native tribes or tribal associations. Other federal funding sources may be used; however, at this time, they have not been identified.

1.5.2 FAA Programs/Funding

The FAA office responsible for addressing Annette Island environmental issues is located in Anchorage. The Environmental Engineering department receives an annual budget, which is channeled into two primary programs: tank cleanup activities and remediation/investigation activities. Additional FAA funding is occasionally available to address environmental issues at currently active FAA sites. These funds are usually managed cooperatively with the tank cleanup or the remediation/investigation teams.

1.5.3 U.S. Coast Guard Programs/Funding

The U.S. Coast Guard office responsible for addressing Annette Island environmental issues (Civil Engineering Unit Juneau) is located in Juneau, Alaska. The U.S. Coast Guard Environmental Compliance and Restoration (EC&R) appropriation from Congress covers funding for U.S. Coast Guard cleanup work on Annette Island.

1.5.4 BIA Programs/Funding

The BIA office responsible for addressing Annette Island environmental issues is located in Metlakatla. Personnel at this office answer directly to the BIA office in Portland, Oregon. Funding is provided by the U.S. Department of the Interior.

Intentionally blank

2.0 ENVIRONMENTAL CLEANUP SITES

2.1 IDENTIFIED SITES

Appendix B contains the most recently (June 1999) updated version of the C3 Plan. All federal agency sites are listed in the C3 Plan, which is updated biannually. Site locations are also shown on figures included in the C3 Plan.

2.2 CORPS ENVIRONMENTAL ACTIVITIES

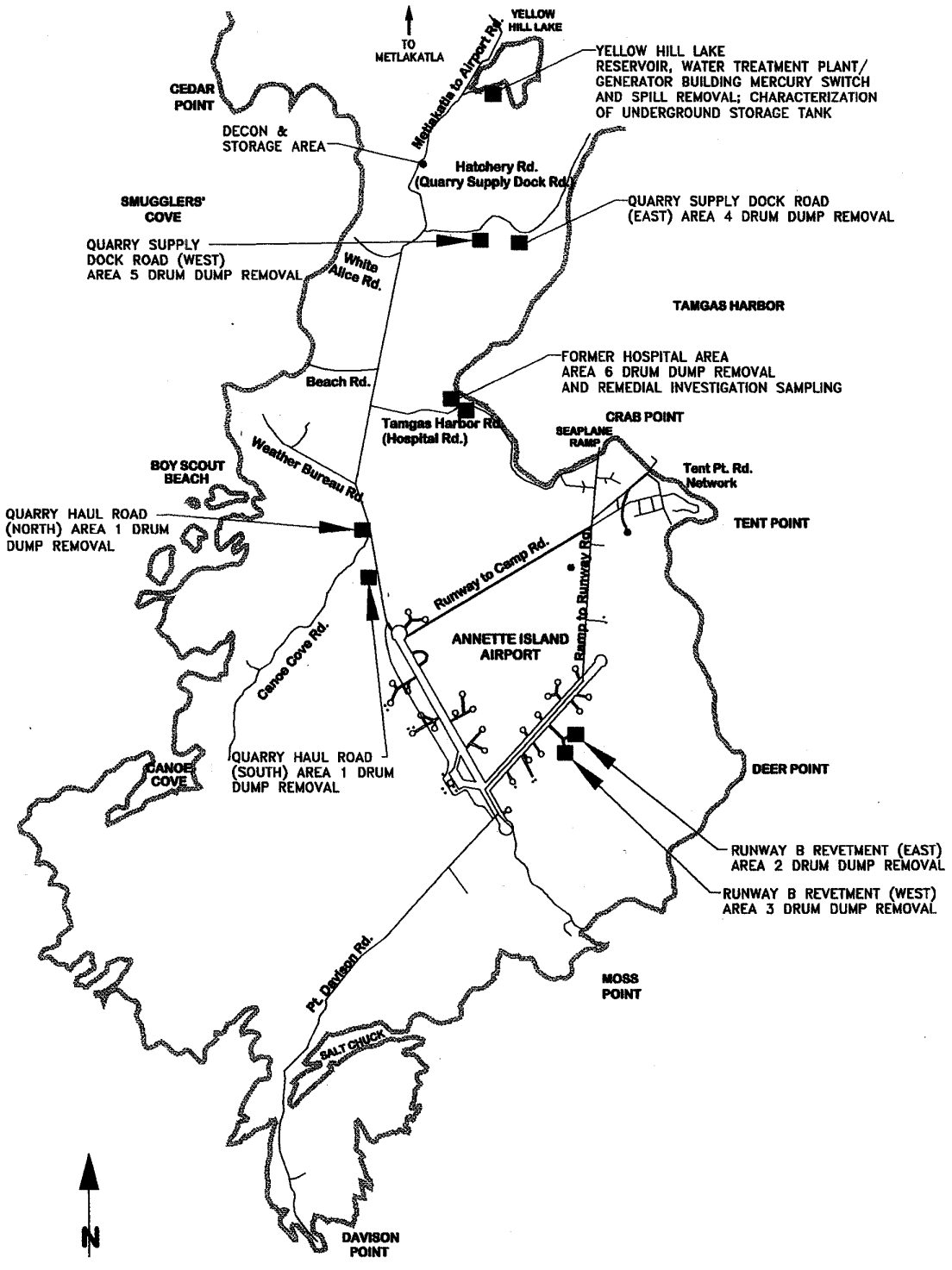
The C3 plan identifies 26 former military DoD sites on the Metlakatla Peninsula. Of the 26 sites, 19 are listed as FUDS since they are eligible to receive DERP-FUDS funding for site investigation and cleanup.

In 1987, the Corps performed a preliminary assessment of hazardous wastes at former DoD locations on Annette Island. In 1989, the Corps inventoried DoD materials remaining there. Sampling was performed at the hangar, old dock tank farm, and the former asphalt plant.

During the summer of 1998, five underground storage tanks (USTs) were removed from the Tactical Gasoline Storage and Fueling System site. Soil sampling, tapping, and sampling of six miles of pipeline were also completed.

The Corps conducted removal and investigation activities on several of the identified sites during summer 1999. Figure 2-1 illustrates the locations of this work. Removal work conducted in 1999 included:

- Removal of DoD Drums. Drums were removed from several dump sites around the Peninsula. Drum contents were categorized and properly disposed. Drum removal sites were:
  - Area 1, Metlakatla to Airport Road (or Quarry Haul Road [North]);
  - Area 1, Quarry Haul Road (South);



ENSR/3806-006/PRESENTATION3.DWG 11/11/99 SSR 1:4500 SOURCE: JACOBS ENGINEERING

METLAKATLA PENINSULA
ANNETTE ISLAND, ALASKA

Figure 2-1
1999 Corps Environmental Activities

- Area 2, Runway B Revetment (East);
- Area 3, Runway B Revetment (West);
- Area 4, Quarry Supply Dock Road (East);
- Area 5, Quarry Supply Dock Road (West); and
- Area 6, Former Hospital Area.

- Removal of two mercury-containing devices near Yellow Hill Lake Reservoir, Water Treatment Plant/Generator Building. In addition, associated soils containing mercury were removed.

Investigation activities conducted in 1999 included:

- Collection of soil, groundwater, surface water, and sediment samples at the removal sites described above. Sampling was conducted to identify the type and location of potential contamination.
- Analysis of samples in the laboratory for petroleum, oils, lubricants, metals, herbicides, pesticides, and PCBs.

The Corps demobilized their personnel and equipment from Annette Island in mid-September 1999. Final field activities that occurred in October were the preparation and off-island shipment of waste that had been produced by the cleanup activities. The Corps left its equipment-cleaning area set up in the Quarry Area to be used by other agencies for environmental projects.

Planned upcoming Corps work includes demolition of an 80,000-gallon wood-stave aboveground storage tank (AST) near Runway to Camp Road, closure of septic tanks at the Former Hospital Area, and investigation and evaluation of closure options for a fuel pipeline near Crab Point. Further environmental sampling and investigation is also planned.

2.3 FAA ENVIRONMENTAL ACTIVITIES

An investigative review of potential environmental concerns on Annette Island was initiated by the FAA in 1988. In 1991, the FAA began sampling and cleanup operations at Annette

Island. This work has continued until the present day. To date, the FAA has removed 700,000 pounds of fuel/lead-contaminated soil, 500,000 pounds of PCB-contaminated soil, 8,000 pounds of PCB-contaminated oils, 17 abandoned fuel tanks, 200 transformers and capacitors, 13,000 gallons of contaminated fuel/water, and 5,000 combined pounds of asbestos, lead-based paint, and oils. A summary of past FAA environmental activities follows:

- Investigation of hazardous wastes.
- Investigation of underground tanks.
- Environmental compliance investigation, which included complex land ownership research and sampling. This included current and former FAA sites.
- Shipment of hazardous and nonhazardous wastes.
- Expanded site investigation/interim cleanup activities.
- Removal and disposal of PCB-contaminated oils and transformers.
- Completion of a draft risk assessment of the possible impacts of heavy metals, petroleum products, pesticides/herbicides, and other materials found at the Very High Frequency Omnidirectional Range Tactical Aircraft Control and Navigation (VORTAC), Non-Directional Radio Beacon (NDB), hangar, and tank farm.
- Removal of an out-of-service underground fuel tank from a leased property (Remote Communications Air-Ground Facility [RCAG]) that is scheduled to be returned to the Department of Interior. A second underground tank was replaced at an active FAA site (VORTAC). Contaminated soil was excavated and transported off site for remediation.
- Removal and decommissioning of 15 fuel storage tanks. Contaminated soil was removed and groundwater was treated and released.

The FAA is planning to investigate approximately 53 sites around the Metlakatla Peninsula to determine the extent of contamination that may have been released into the environment. This fieldwork is scheduled to begin in spring 2000 and continue through the summer.

2.4 U.S. COAST GUARD ENVIRONMENTAL ACTIVITIES

In 1997, the U.S. Coast Guard removed one PCB-containing transformer and sampled soils beneath the transformer enclosure. During the summer of 1998, the U.S. Coast Guard removed two underground heating oil tanks from their Base Housing site and removed a heating fuel pipeline.

In May 1999, the U.S. Coast Guard responded to a threat to Tamgas Harbor posed by abandoned pier fuel lines associated with the tank farm at the former air station. The U.S. Coast Guard was concerned that the old piping, which still contained fuel, was corroding and could cause a release to the harbor. Fuel, pipe, contaminated soil, and several batteries were removed from the site. The threat to the harbor was eliminated, and no fuel was spilled.

The U.S. Coast Guard performed a preliminary assessment of 13 sites during the winter of 1999/2000 to determine whether additional investigation or cleanup is required. Plans to follow up on the preliminary assessments with additional investigation is scheduled for summer 2000. These plans also include cleaning, removing, and disposing of fuel tanks near the hangar building.

2.5 BIA ENVIRONMENTAL ACTIVITIES

In 1999, the BIA removed 67 drums and associated waste from the BIA Roads Construction Shop site on Annette Island. This work was performed in conjunction with Corps environmental activities to maximize project efficiency. The BIA also removed two USTs and performed site assessments and closure activities for each UST.

Planned upcoming BIA activities include site assessment and remedial evaluation for petroleum, oil, and lubricants (POL)-contaminated soils at several BIA road buildings on Metlakatla Peninsula. There are approximately six of these buildings, five of which are quonset huts scheduled for demolition and removal. An environmental issue that will be addressed at the time of their removal is lead-based paint on the quonset huts. These removal/remediation activities are planned for early 2000.

Intentionally blank

3.0 COMMUNITY BACKGROUND

3.1 COMMUNITY PROFILE

The Annette Islands Indian Reservation is located approximately 20 miles south of Ketchikan, in Southeast Alaska. This reserve, which includes Annette Island and several small nearby islands, has been the home of the Metlakatla Indians since 1887. This is the only Indian Reservation in the State of Alaska; the land is held by the U.S. government in trust for MIC. The BIA has certain responsibilities with respect to trust lands.

Annette Island is approximately 20 miles long and 12 miles wide and consists almost entirely of mountainous terrain rising from sea level to 3,500 feet. The developed portion of the island is limited to the relatively flat Metlakatla Peninsula. The Metlakatla community is located on the north end of the peninsula. The total resident population on Annette Island is approximately 2,000. Annette Island is accessible only by air or water. Charter flights through small airline companies can be arranged out of Ketchikan. The Alaska State Ferry System has scheduled service from Ketchikan to Metlakatla almost daily (every day except Tuesday and Thursday) during the summer months (June 1 – September 30). During the winter months, scheduled service from Ketchikan to Metlakatla is reduced to weekly service. There is a road system on the island that is maintained by MIC.

Because of its reservation status, the Annette Island community has a unique relationship with the federal government and the State of Alaska. For example, MIC has a great deal of autonomy to determine the use of its own resources. State management plans and regulations are consulted; however, MIC makes decisions based on the welfare of the community subject to approval by the Secretary of the Interior through BIA (MIC 1999).

MIC is the local governing body for the Annette Island Reservation. Local government includes an elected mayor, secretary, treasurer, and 12-person council. The council is organized into six committees: Planning; Lot; Finance; Health, Education, and Welfare; Law and Order; and Natural Resources. The MIC Environmental Office works directly for the mayor and consults frequently with the Natural Resources Committee. A sub-committee

formed within the council, the Environmental Restoration Advisory Committee (ERAC), was established to assist and advise the MIC Environmental Office. The MIC Environmental Office works with the federal agencies on a day-to-day basis to ensure that projects meet the needs of MIC.

3.2 COMMUNITY INTERVIEW PROGRAM

The Corps and FAA conducted interviews with the members of the Metlakatla community from January 24 through 28, 2000. Seventeen community members were invited to participate in the interviews. The community members who participated included those who expressed an interest in the environmental work being conducted on Annette Island during the 1999 Health Fair, both MIC members and non-members, and local business owners/ employees to represent a cross section of the Metlakatla community. The purpose of the interviews was to better understand residents' knowledge and awareness of environmental sites, to identify community perceptions and concerns associated with the agencies' environmental activities, and to identify the most effective ways to communicate with the public. The Corps and FAA were able to conduct interviews with 15 Metlakatla community members.

In addition to the interviews conducted by the Corps and FAA, representatives from the U.S. Coast Guard interviewed two Metlakatla community members while on Annette Island from November 29 through December 2, 1999.

The interviews conducted by all three agencies focused on awareness of the site history and cleanup work, concerns about the sites, the effect contamination may have had on resources and the community, and preferred communication methods.

Awareness. General awareness of the sites was high, which is not surprising in a small village on an island. All of those interviewed were aware that the Corps, FAA, U.S. Coast Guard, and BIA had sites on Annette Island that were being investigated for environmental contamination. Awareness of specific site details varied from those that had been born and raised in Metlakatla to those that had moved more recently to the island. People's awareness

came from a variety of sources including association with the MIC Council, receiving information at the 1999 Health Fair, personal experience (hiking or hunting on the island and encountering old buildings and debris), and reading technical reports and articles published in the *MALSHK*, with the most awareness being identified as "word of mouth."

Key Community Concerns/Effects on Resources and Community. Community members identified a wide variety of concerns. Listed below are several current key issues and concerns the community members identified during the interviews conducted by the Corps, FAA, and U.S. Coast Guard. The two most frequently voiced concerns were over a belief that cancer rates are abnormally high in Metlakatla and that the clams, crabs, and cockles in Tamgas Harbor may be contaminated.

- Over half of the people interviewed expressed concern over an increase in cancer detected in Metlakatla residents. Several people asked if there was a connection with past operations and current environmental conditions to the increase in cases of cancer. While the Corps and FAA do not have answers to these types of questions, the federal agencies now recognize this as a key concern in the community and will try to address this as best they can.
- Many people believed that the clams, crabs, and cockles in Tamgas Harbor are contaminated. Some reported seeing the black shells and wondered if the Tank Farm near the harbor may be contributing to contamination. Based on these community comments, the FAA has initiated an investigation of the shellfish in the beach near the dock.
- Some people expressed concern about various island resources. Concerns included possible contamination of other types of seafood (geoducks, sea cucumbers, and seaweed) that are harvested in waters off the coast of Annette Island, soil contamination that may effect berry picking areas, general water and air quality, and effects to wetland areas. Concern about seafood contamination included possible negative health effects from eating the seafood and negative economic impacts. Smugglers Cove was one specific area noted where crabs are rumored to be contaminated.

- General concern was expressed about the cleanup of the following areas: fuel contamination from the Tank Farm, fuel contamination associated with the hangar area, the housing area, drums near Runway A, Tamgas Harbor, Smuggler's Cove, hospital building, and the old Tamgas apartments area.
- Other concerns expressed that may not be directly related to the cleanup were: children's health, safety if explosives still exist, and that some of the structures are now missing.

Communication Methods. People cited a variety of sources of information they have used to receive information about the sites. The majority of those interviewed stated that "word of mouth" was their primary method of receiving site information. "Word of mouth" includes information provided by former employees of the federal agencies and/or relatives. Another source of information mentioned quite a few times was personal experience. This method was mentioned primarily by those that had grown up on the island and had seen former federal buildings and/or debris while hiking or hunting. Other methods mentioned included reading articles in the *MALSHK*, reading technical reports, visiting the federal agencies' booths at the 1999 Health Fair, and personal communication with MIC council members.

People cited several communication techniques they believe would be most effective for distributing information about the environmental cleanup work on Annette Island.

- Sending newsletters or other direct mailings;
- Publishing articles in the *MALSHK*;
- Conducting presentations during televised MIC council meetings;
- Hosting booths with cleanup information at Health Fair and Founders' Day events; and
- Conducting public meetings. Caution was raised, however, that attendance at public meetings could be low depending on other community events or seasonal work activities occurring at the time of the public meeting.

Some people offered the following additional suggestions for effective communication between the federal agencies and the local community:

- Creating and showing videos about site cleanup activities on Channel 3 MICTV;
- Creating a web link from the Metlakatla home page to the federal agency website;
- Presenting quarterly site updates to the MIC Natural Resource Committee; and
- Publishing a briefing paper for newly elected MIC council members.

Intentionally blank

4.0 COMMUNITY INVOLVEMENT PROGRAM

4.1 GOALS AND OBJECTIVES

The goals of the federal agencies' community involvement program are to:

- Inform interested citizens and local officials about progress of investigations and cleanup activities;
- Encourage two-way communication between the agencies and the community; and
- Provide opportunities for the public to contribute to the planning of cleanup alternatives on Annette Island.

Community concerns may change as the project continues. The community involvement activities described below are designed to meet the goals listed above. Promoting two-way communication with the public during the investigations and cleanup is especially important so that community concerns are addressed in an effective and timely manner.

4.2 HISTORY OF COMMUNITY INVOLVEMENT IN METLAKATLA

Most agency community involvement activities began in December 1998 when the first meeting with MIC occurred. Since then, the agencies continue to meet monthly with the MIC as part of the MOU Work Group.

In April 14, 1999, the Corps, U.S. Coast Guard, and the FAA participated in a Health Fair sponsored by the Annette Island Service Unit. These agencies hosted booths to discuss the upcoming Corps, FAA, and U.S. Coast Guard work scheduled for summer 1999. A newsletter was distributed that outlined Corps involvement on the island. Health Fair handouts are included in Appendix C.

The Corps also participated in the Founders' Day Celebration, August 7, 1999, with an information booth. The booth contained updated information on the federal agency work being conducted on the island for summer 1999. Founders' Day handouts are included in Appendix C.

In addition to participation in community events, the federal agencies contribute articles on their Annette Island activities for publication in the *MALSHK* newsletter (see Appendix D for copies of articles). Articles summarizing project status and upcoming work will continue to be submitted for inclusion in the *MALSHK*.

4.3 COMMUNITY INVOLVEMENT ACTIVITIES

To meet the Community Involvement Plan goals and objectives, the federal agencies are undertaking specific community involvement activities. These include activities required by federal regulations and DoD DERP-FUDS guidance. It also includes additional activities to ensure the community remains well-informed and has the opportunity to express its concerns. Community involvement activities are described below.

4.3.1 Newsletters

The federal agencies will prepare newsletters for the public in understandable, nontechnical language to summarize progress of agency activity and to announce upcoming events. The newsletters will inform the public of activity status, findings and proposed cleanup actions, and will encourage two-way communication between the community and agency representatives. Newsletters will be published when new information is available or when a public comment period is required.

Newsletters will be distributed to everyone on a mailing list and list of contacts and interested parties (see Section 4.3.5). The newsletters will also be made available to the general public through distribution during community events (see Section 4.3.6). Newsletters may include a postage-paid mail-back coupon soliciting interest from individuals to be included on the mailing list (see Section 4.3.5).

4.3.2 Public Meeting

The federal agencies will conduct a public meeting in 2000. This public meeting will focus on the environmental fieldwork that has occurred. The meeting will also explain the type of

activities that occur after fieldwork and provide a plan for the upcoming fieldwork. Public meetings provide an opportunity for interested members of the public to receive information and ask questions about environmental site activities. A court reporter will be present at the meeting to transcribe presentations, including community questions and answers. The meeting transcript will be available to the public in the Annette Island information repository (see Section 4.3.4). The agencies will conduct the public meeting in an easily accessible and convenient location in Metlakatla, such as the MIC council chambers or the town hall. Timing of the meeting will be coordinated with MIC to ensure minimal conflicts with other community events or seasonal activities.

Notice of public meetings will be broadcast on MICTV and KTKN AM radio as a public service announcement (see Appendix E). The agencies will also arrange for flyers to be posted in Metlakatla announcing the meeting. All public meeting notifications, with the exception of radio public service announcements due to air time constraints, will include agency contact information as noted in Section 4.4.

4.3.3 Administrative Record File

An Administrative Record file for Corps and FAA Annette Island environmental cleanup activities will be established at the Metlakatla Public Library, the Alaska Resources Library and Information Services (ARLIS) Library in Anchorage, and the Corps' office in Anchorage.

The Administrative Record file is the legal file of documents upon which the Corps and FAA will base decisions regarding environmental cleanup activities. The Administrative Record file will also contain other site-related documents, such as newsletters and guidance documents, that may or may not provide information that assists the Corps and FAA in decision-making. The Administrative Record file will be updated quarterly and is available in Metlakatla at the High School/Public Library for public review and information. Other federal agencies may also provide documents to the file. The BIA keeps project activity documents available for public access at its office in Metlakatla.

4.3.4 List of Contacts and Interested Parties

The Corps will establish a list of contacts and interested parties to ensure that all who wish to receive information about the environmental cleanup sites will be informed. This list will be updated regularly to include people who contact the Corps, return mailing list coupons included in newsletters, and/or request inclusion when completing sign-in sheets at public meetings or community events.

Appendix F contains a list of contacts and interested parties. This list represents the beginning of the Corps' project mailing list and will be expanded throughout the duration of the project.

4.3.5 MOU Work Group Website

The MOU Work Group agencies maintain a website on the Internet. The address is: **www.alaska.faa.gov/annette**. Information posted on this website includes recent agency project activities, site location figures, agency meeting information, meeting notes, pictures, and other items related to Annette Island environmental cleanup.

4.3.6 Other Outreach Activities

The agencies are committed to two-way communication with the Metlakatla community. Other outreach activities, such as sponsoring booths at the Health Fair and Founders' Day celebration, and regular contributions to *MALSHK*, have already occurred and will continue to be incorporated in the community involvement program as much as possible. The purpose of sponsoring booths and participating in community events is to provide an opportunity for the public to meet the federal agencies' project managers, receive up-to-date project information, and provide a forum for questions and answers. Additional outreach methods identified during community interviews include:

- Send newsletters directly to community post office boxes.
- Produce informative videos for broadcast on Channel 3 MICTV.

- Establish a link from the Metlakatla Home Page to the federal agency website.
- Conduct presentations to the MIC council during monthly televised meetings.
- Publish a briefing paper for newly elected MIC council members.

4.3.7 Restoration Advisory Board

A Restoration Advisory Board (RAB) is a group comprised of community and government representatives to provide federal agency decision makers with advice about environmental cleanup activities. Under the Corps' regulatory guidance for cleanup of former military sites, DERP-FUDS, the formation of a RAB is required if there is "sufficient, sustained community interest" (Corps 1996). In 1998, MIC established the Environmental Restoration Advisory Committee (ERAC) to oversee and coordinate the cleanup efforts of several federal agencies on the Metlakatla Peninsula. ERAC members were appointed by MIC to represent all interests within the community. The ERAC meets as needed with the MOU Work Group for information exchange and input. MIC has determined that the ERAC is serving the role as a RAB for the Metlakatla Community, and MIC currently has no plans to form a RAB.

4.4 AGENCY POINTS OF CONTACT

A contact person associated with each involved agency is responsible for addressing citizens' concerns, answering individual questions, and responding to inquiries from the media. The following contact information will be included in public meeting display advertisements, newsletters, and community event handouts.

The MOU Work Group points of contact, which includes the federal agencies involved in the environmental activities on Annette Island and the MIC, are listed in the following table:

MOU Work Group Points of Contact

Federal Agency	Point of Contact
Corps	Andrea Elconin U.S. Army Engineer District-Alaska P.O. Box 898 Anchorage, Alaska 99506-0898 (907) 753-5680 email: andrea.b.elconin@poa02.usace.army.mil
FAA	Garth Beyette Federal Aviation Administration Airways Facility Division 222 West 7th Avenue, #14 Anchorage, Alaska 99513-7587 (907) 271-3355 email: garth.beyette@faa.gov
U.S. Coast Guard	Robert Deering U.S. Coast Guard Civil Engineering Unit Juneau ATTN: Bob Deering P.O. Box 21747 Juneau, Alaska 99502-1747 (907) 463-2440 email: rdeering@cgalaska.uscg.mil
BIA	Ed Gunyah Bureau of Indian Affairs P.O. Box 450 Metlakatla, Alaska 99926 (907) 886-3791 email: biamet@metlakatla.net
Participating Partner	**Point of Contact**
MIC	Jeff Benson Metlakatla Indian Community P.O. Box 3 Metlakatla, Alaska 99926 (907) 886-4200 email: micenvir@eagle.ptialaska.net

5.0 REFERENCES

Annette Island Memorandum of Understanding Work Group and the United States Coast Guard (MOU/USCG). 1999. Coordinated Comprehensive Cleanup (C3) Plan, Annette Island, Alaska. June.

Metlakatla Indian Community(MIC). 1999. Office of the Mayor. Council Annette Islands Reserve. *Booklet: The History of the Metlakatla Indian Community*. February 3.

U.S. Army Corps of Engineers (Corps). 1996. Program Manual, Defense Environmental Restoration Program for Formerly Used Defense Sites (DERP-FUDS). Directorate of Military Programs, Division of Environmental Restoration, Washington, D.C. July.

Intentionally blank

APPENDIX A

Glossary of Terms

Words outlined in **bold** type within definitions are defined elsewhere in this glossary.

Administrative Record File:	A file that is maintained and contains information used by the lead agency to select its response action decision. The file can also contain current information, technical reports, and reference documents about environmental activities. This file is to be available for public review, and a copy is to be maintained at or near the site. A duplicate file is held in a central location, such as the Corps' office.
Cleanup:	Actions taken to deal with a release or threatened release of hazardous substances that could affect public health or the environment. The term is often used broadly to describe various response and environmental investigation actions.
Community Involvement:	A program to inform and involve the public in the cleanup process and to respond to community concerns.
Community Involvement Plan (CIP):	The CIP is designed to ensure citizens receive opportunities for public involvement at the site, to determine activities that will provide for such involvement, and to allow citizens the opportunity to learn about the site.
Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA):	A federal law passed in 1980 and modified in 1986 by **SARA**. The regulations and cleanup procedures in the Act are generally followed under DERP-FUDS environmental program policy.
Groundwater:	Water found beneath the earth's surface, which fills pores between materials such as sand, soil, or gravel. In aquifers, groundwater occurs in sufficient quantities that it can be used for drinking water, irrigation, and other purposes.
Hazardous Substance:	Any material that poses a threat to public health and/or the environment. Typical hazardous substances are materials that are toxic, corrosive, ignitable, explosive, or chemically reactive.

Hydrology:	The science dealing with the properties, movement, and effects of water found on the earth's surface, in the soil and the rocks below, and in the atmosphere.
Monitoring Wells:	Special wells drilled at specific locations on or off a hazardous waste site where groundwater can be sampled at selected depths and studied to determine the direction of groundwater flow and the types of contaminants present.
parts per billion (ppb)/parts per million (ppm):	Units commonly used to express low concentrations of contaminants. For example, one ounce of trichloroethylene (TCE) in 1 million ounces of water is 1 ppm: one ounce of TCE in 1 billion ounces of water is 1 ppb. If one drop of TCE is mixed in a competition-sized swimming pool, the water will contain about 1 ppb of TCE.
Superfund Amendments and Reauthorization Act (SARA):	Modifications to **CERCLA** enacted on October 17, 1986.
Surface Water:	Bodies of water that are above ground, such as rivers, lakes, and streams.

APPENDIX B

Coordinated Comprehensive Cleanup Plan,

Annette Island, Alaska, June 1999

Prepared by the Annette Island MOU Work Group

and the United States Coast Guard

Purpose:

This C3 Plan is intended to help the COE, the BIA, the FAA, and the USCG work effectively while maximizing the efficiency of government cleanup efforts on the Metlakatla Peninsula. Specifically, the plan is intended to:

- Identify all sites with potential COE, BIA, FAA, MIC, and USCG liabilities.
- Identify the needed cleanup work at each site and associated costs.
- Identify a time schedule to cost-effectively coordinate cleanup work.

Implementation Benefits:

To date, four federal agencies (COE, BIA, FAA, and USCG) have spent approximately $5 million investigating and cleaning up contamination on the peninsula. This plan outlines an additional $62 million which may be needed over the next 10 years to address existing potential government liabilities. By coordinating cleanup actions, an estimated $5 million can be saved. Specifically, the benefits of working together include:

- Complimentary development of risk screening criteria and National Environmental Policy Act (NEPA) documentation.
- Reduced mobilization and demobilization costs.
- Efficient use of local resources, including labor.

Restriction and Liability Issues:

To streamline the environmental cleanup process for the 93 sites identified on the Metlakatla Peninsula, the MOU Work Group and USCG have identified a lead agency for each site. The lead agency acts as a point of coordination for the environmental cleanup at that site. Responsibilities include researching cleanup issues associated with that site, identifying potential responsible parties, and tracking completed environmental work, remaining work, and time schedules for the work. The lead agency does not necessarily assume any financial or legal responsibility for contamination at the site but is usually an agency which used the site and is familiar with operations at the site.

Due to certain limitations placed on federal cleanup funds, some issues (i.e., stream restoration, roadway removal, or contamination caused by other parties) are not addressed in this C3 Plan. As cleanup issues are clarified at the 60-year-old lease site, some work may be removed from the plan because it is not seen as a potential government liability issue, while other sites may be added. Listing a cleanup site in this plan does not commit any government agency to any cleanup work, nor does it imply any liability or responsibility in causing contamination.

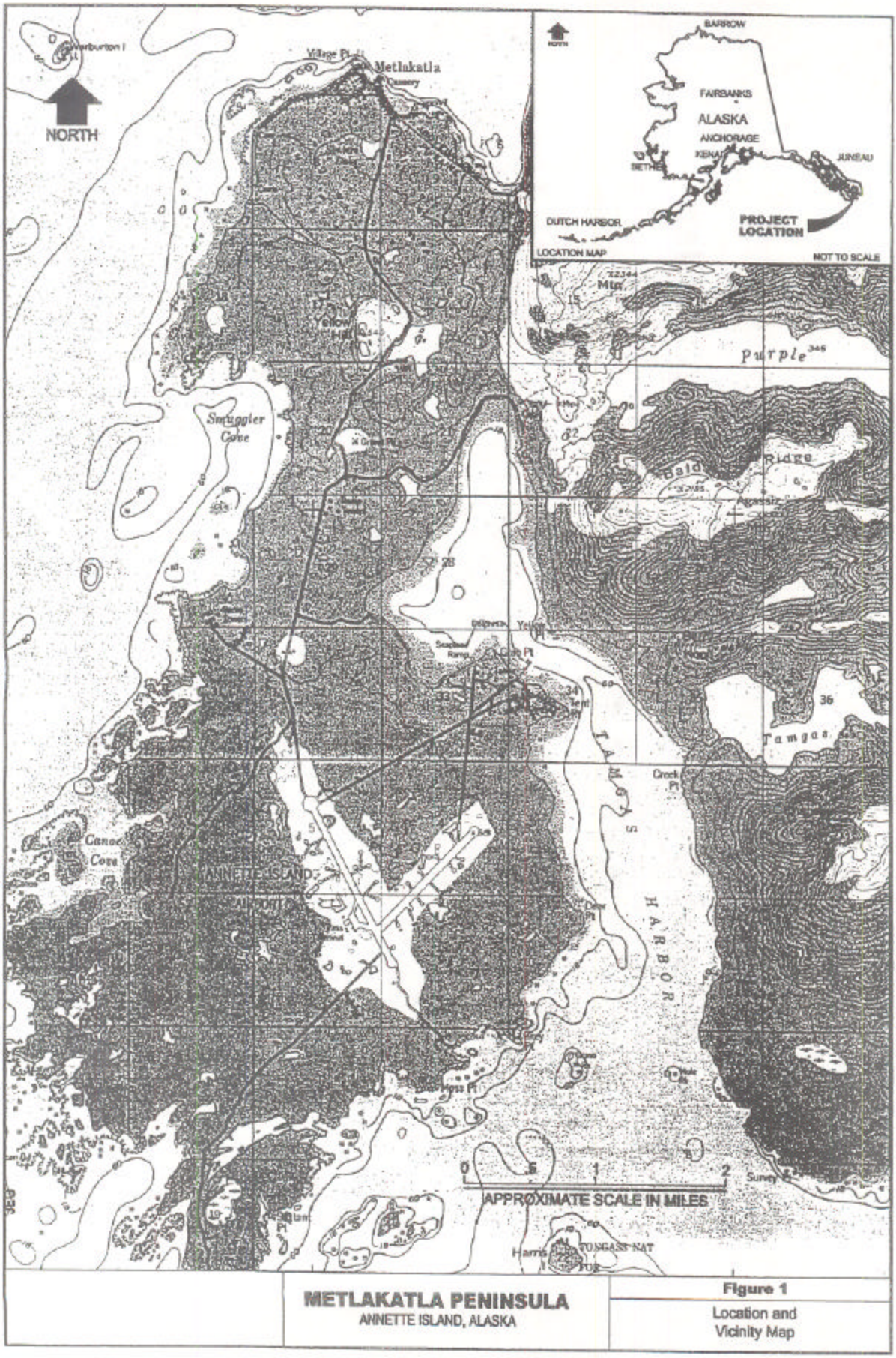
The estimated cleanup cost for each site has been prepared by the MOU Work Group and, in most cases, is based on little, if any, sampling data. The actual cleanup cost could vary greatly from the listed value based upon the extent and type of contamination found at each site and the cleanup standards that apply.

The MIC has developed a Master Plan for cleanup and restoration of the Metlakatla Peninsula (Reference 23). The plan addresses land use, areas of contamination, and future development on the peninsula. Implementation of the Master Plan could cost an additional $40 million beyond the work listed in this C3 Plan.

Coordinated Comprehensive Cleanup (C3) Plan

Annette Island, Alaska

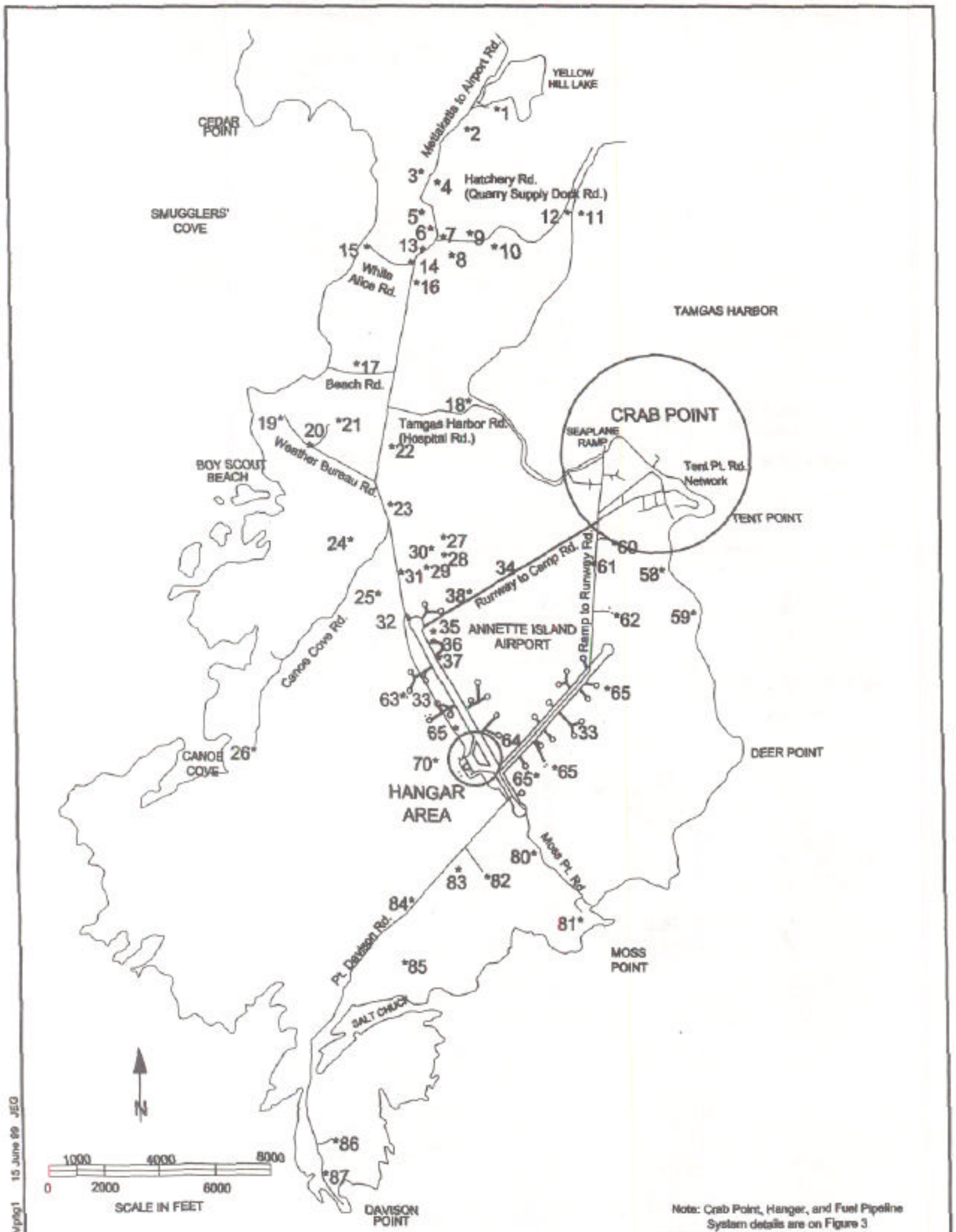
Site Maps



d:/autocad/annette/C_3/Annetta1 15 June 99

METLAKATLA PENINSULA
ANNETTE ISLAND, ALASKA

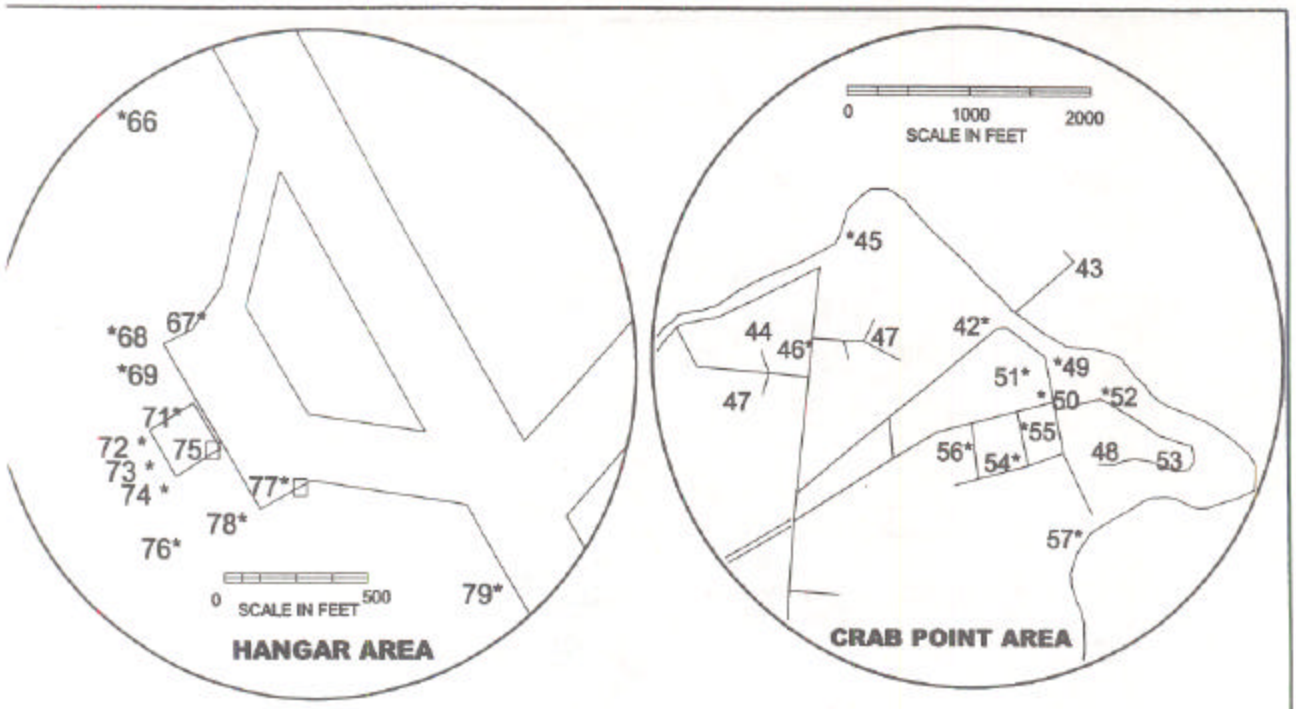
Figure 1
Location and Vicinity Map

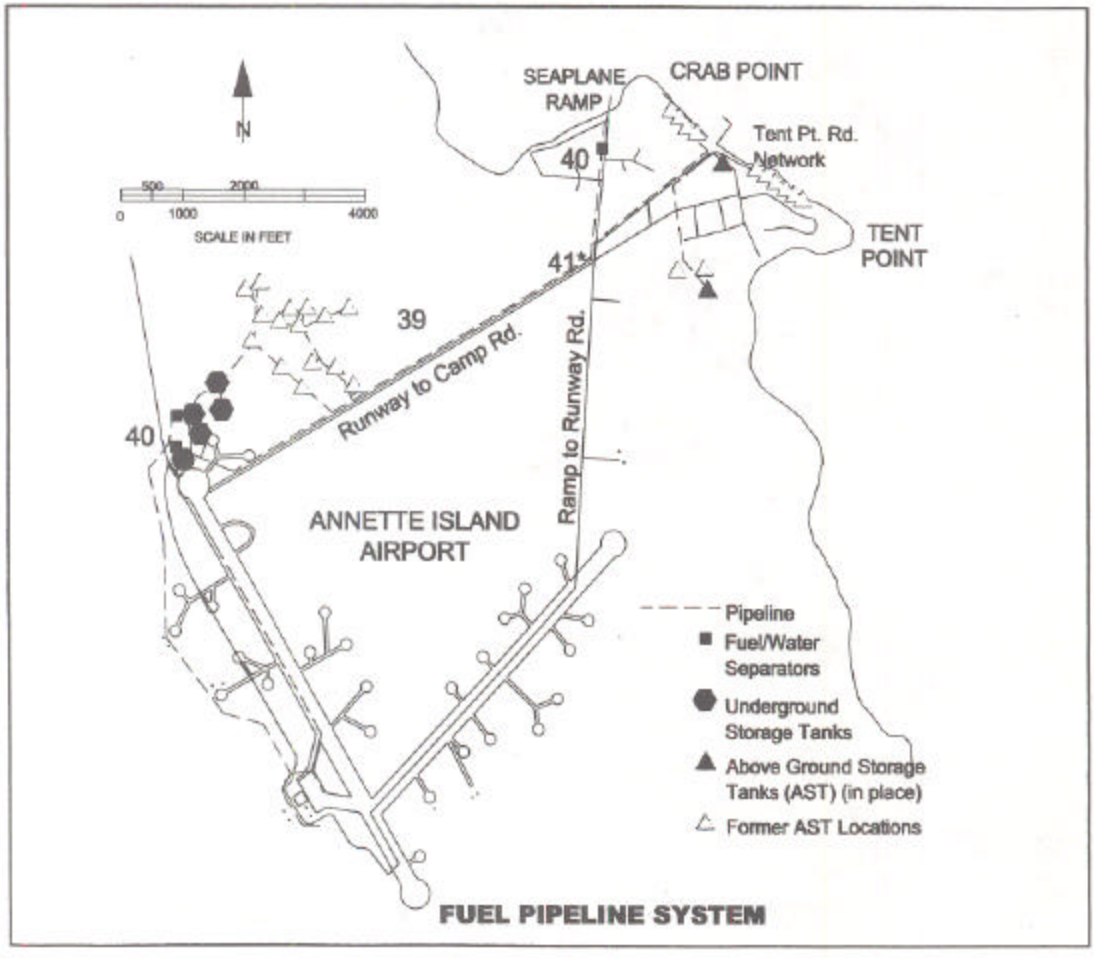


d:\eutoced\annette\C_3\fig1 15 June 99 JEG

METLAKATLA PENINSULA
ANNETTE ISLAND, ALASKA

Figure 2
Major Site Structures and Features





METLAKATLA PENINSULA
ANNETTE ISLAND, ALASKA

Figure 3
Detail of Major Site Structures and Features

Coordinated Comprehensive Cleanup (C3) Plan

Annette Island, Alaska

Site Table
(sorted by Site Number)

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Site Number)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
1	FUDS	Water Treatment Plant	DOD-constructed in 1941 to supply fresh water to the Garrison areas	Mercury from switches and potential POL contamination from small fuel tank next to generator building, debris from tall structures	Access road repair and bridge repair	X	X	X								$250,000
2	DOD	Engineer Garrison (Yellow Hill)	Housing for base engineers	Sewer issues; investigate and remediate potential POL and solvents	SHPO issues; project eligibility unresolved								X			$50,000
3	FUDS	6-inch Guns and Garrison	Two 6-inch guns were installed for coastal defense; included housing for gun crews	Investigate and remove potential POL associated with heating oil tanks, debris	SHPO issues; building demolition eligibility						X					$15,000
4		Quarry	Rock quarry for island-wide construction	No environmental remediation required	Potential staging area for remedial construction											
5	FAA	Municipal Landfill	Started in the 1940s and used only by the government until the mid-1960s; currently used by MIC	Close landfill with funding from responsible parties; landfill is a wetland and not permitted	A new landfill/waste management system needed to be funded				X	X	X	X	X	X	X	$5,000,000
6		Shell Storage Bunker (2)	Wood foundation and debris	No environmental remediation required												
7	BIA	BIA Road Maintenance Center		Lead-based paint, PCBs, drums, contaminated soils, ASTs							X					$550,000
8	BIA	Bark Disposal Fill Area		Salvage bark and compost, metal debris, slope stabilization, close and cap area	Other potential participating party				X							$2,800,000
9	BIA	Power Generation Plant	Originally a USA power generation plant	Transformers, drums, contaminated soils, ASTs						X						$2,160,000
10	FAA	Automobile Landfill	Used for storage/disposal of metal materials, drums, vehicles, etc.	Remove materials; recycle metal materials	North corner of site shows signs of soil contamination; SHPO issues	X	X	X								$750,000
11		Supply Dock	Remains of original supply dock to federal facilities	No environmental remediation required	Community wants dock replaced											
12	BIA	North Tamgas Harbor Tank Farm		Clean and refurbish tanks; spill containment for emergency response				X								$200,000
13	BIA	Abandoned Landfill		Batteries, paints, fuels, metal debris; closure			X	X								$870,000
14	FAA	Chlorination Building	Built by FAA; contains lead-based paint	Remove building	Asbestos on water pipeline not addressed in this work					X	X					$15,000
15A	DOD	White Alice Station (MPL)	Constructed in 1956 as a DEW line communication link	UST still connected to active system; investigate and remediate releases from UST; remove debris	Project eligibility unresolved				X	X	X					$2,000,000
16	FAA	Antenna Towers	Built by FAA; contain lead-based paint	Remove towers	SHPO issues		X	X								$50,000

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
17		Beach Access Road		No environmental remediation required	Community wants road improvements											
18	FUDS	Main Hospital Area	Quonset hut construction; 75 bed hospital	Investigate and remove potential POL, solvents, and insecticides	Site access; building demolition eligibility	X	X	X	X	X	X					$3,000,000
19	FAA	Non-Directional Beacon (NDB)	Site currently leased and in use	Lead in soil from burned building; remove downed towers	SHPO issues	X	X									$100,000
20	DOC/NWS	Weather Bureau Housing	Active housing for NWS consisting of seven wood frame buildings	Active AST with potentially POL-contaminated soil	NWS is working on this site					X						$500,000
21	FAA	Remote Communications Air-Ground (RCAG) Facility	Site currently leased but not in use	Remove building; remove fuel-contaminated soil; foundation to remain	Underground fuel tank removed during 1998; SHPO issues	X	X									$150,000
22	FAA	AACS Station	Used by FAA	Remove asbestos, lead, and collapsed building; foundation to remain	Tower also on site; to be removed; SHPO issues		X	X								$100,000
23	FAA	ACS Transmitter	ACS run in cooperation with FAA	Potential fuel and PCB spills; remove collapsed building; foundation to remain	Additional soil testing needed; SHPO issues	X	X	X								$80,000
24	FAA	Middle Marker Facility	Built by FAA; contains lead-based paint, asbestos, and electrical equipment	Remove collapsed building and tar drums near stream	Nearby transformer casing tested clean for PCBs; to be removed; SHPO issues	X	X	X								$35,000
25	FAA	Approach Lighting System	Consists of 29 towers built and used by FAA	Remove towers	SHPO issues		X	X								$500,000
26	FUDS	Canoe Cove Garrison	Housing for base personnel; largely Quonset hut and local wood-frame construction	Remove fuel tanks	SHPO issues; building demolition eligibility				X	X	X					$250,000
27	FAA	VORTAC Facility	Site currently leased and in use	Remove lead-based paint chips from soil	Lead from painted counterpoise				X	X	X					$750,000
28	FAA	Water Tanks	Built and abandoned in place on current lease site (VORTAC)	Remove platforms, wire rings, and other debris from site											X	$15,000
29	FAA	Directional Finder Antenna	Site currently leased and in use	Antenna may be painted with lead-based paint	May require stripping and repainting										X	$5,000
30	FAA	Satellite Station (ANICS)	Site currently leased and in use	No known problems	New facility mid-1990s											
31	FUDS	Underground Fuse Magazines	Storage magazines for torpedo fuses	Remove fall hazards	SHPO issues						X					$50,000
32	FAA	SALSR	Built and used by FAA	Remove lead-based painted building	PCBs removed 1996		X									$5,000

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Site Number)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
33A	FAA	Landing Field	Owned and operated by FAA	Remove drums from revetments and investigate soils potentially contaminated with herbicides	SHPO issues						X	X	X			$500,000
33B	USCG	Former USCG Storage Area	Leased from FAA by USCG	Remove drums, fuel-contaminated soil from Revetments H-38, H-39, H-40		X	X	X								$75,000
33C	FUDS	Landing Field--Firing Ranges near Runway 8	Landing field consisted of two gravel runways constructed by DOD! small arms firing range was established in one of the aircraft parking revetments	Investigate and remove lead, if necessary	Potentially used after military		X	X	X							$100,000
34	FAA	Runway to Camp Road (Plank Road)	Built and abandoned in place	Remove roadway and drums	SHPO issues								X	X	X	$5,000,000
35	FAA	Small Tower	Used for airport operation	Remove lead-based painted tower	SHPO issues		X									$5,000
36	FAA	Glide Slope Facility	Built and used by FAA	Remove remains of the lead-based painted building	PCB-containing equipment removed 1998/97; SHPO issues	X	X									$15,000
37	FAA	Sand Shed/Asphalt Plant	Facility operated for 30 years by FAA	Remove drums, metal bands, burned building, and lead in soil; investigate tar pit (potentially remove tar pit)	"Black Water" contamination testing needed; sample for antifreeze in sand shed soil location; SHPO issues	X	X	X	X	X	X					$3,000,000
38	FUDS	DOD Sawmill	Provided lumber for local construction in support of base operations	Remove debris; investigate potential contamination relating to sawmill operations							X					$50,000
39A	FUDS	Fuel Pipeline System	Supplied the operational reserve and tactical fueling system; delivered fuel from the fuel dock to the storage tanks and to runway fueling pits	Remove fuel in pipeline and potential soil contamination	Potentially Standard Oil responsibility	X	X	X	X	X	X					$5,000,000
39B	FAA	Fuel Pipeline System	See Site 43A	Tamgas Harbor Dock fuel pipelines	See Site 43A											
40	USCG	Pipeline Oil/Water Separators	Used by USN and USCG during WWII	Drain fuel line; cleanup contaminated soil	This work should be included with cleanup of entire six miles of pipeline			X	X	X						$80,000
41	FAA	Tanker Truck Loading Facility-Tank Farm	Leased to Standard Oil by FAA for over 25 years	Remove/remediate fuel-contaminated soil	Standard Oil (now Chevron), MIC, and others could be participating parties; SHPO issues	X	X	X								$100,000
42	FAA	FAA Tank Farm	Operated by Standard Oil under a lease from FAA	Remove/remediate fuel-contaminated soils; confirm whether spills have impacted Tamgas Harbor wildlife	Standard Oil (now Chevron), MIC, and others could be participating parties; SHPO issues	X	X	X	X	X	X	X	X	X	X	$5,000,000

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Site Number)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule									Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
43A	FAA	South Tamgas Harbor Dock--Dock and Pipeline	Dock--owned and operated by FAA and used by Standard Oil for over 25 years; fuel line--owned by Standard Oil (now Chevron) and MIC	Remove fuel and pipeline	Fuel and pipelines removed by USCG during May 99; SHPO issues	X	X	X	X	X	X					$100,000
43B	FUDS	USCG Housing--South Tamgas Harbor Dock Ordnance Dive	Ordnance may have been dumped in Tamgas Harbor at the end of the war	Investigate possible ordnance contaminates and dumped debris				X								$50,000
44	USCG	USCG Housing	Owned and operated by USCG; property leased from FAA/MIC	Remove fuel lines, fuel tanks, and associated contaminated soil	Building foundation and collapsed buildings				X	X	X					$150,000
45A	USCG	USCG Seaplane Base	Owned and operated by USCG; property leased from FAA/MIC	Remove lead-based paint materials, debris, and hazards								X	X	X		$25,000
45B	FUDS	USCG Seaplane Base--Ramp Ordnance Dive	Ordnance may have been dumped in Tamgas Harbor at the end of WWII	Investigate possible ordnance contaminates and dumped debris				X								$50,000
46	USCG	USCG Fire Station/Post Exchange	Operated by USCG; property leased from FAA	Remove lead, asbestos, fuel lines, fuel tanks, and associated contaminated soil					X							$95,000
47A	USCG	USCG Taxiways and Parking Circles	Owned and operated by USCG; property leased from FAA/MIC	Remove transformer, drums, and fuel contaminated soil	Used as storage area for fuels removed from planes		X	X	X							$25,000
47B	FUDS	USCG Taxiways and Parking Circle--Ordnance Survey	WWII aircraft parking area used by USCG for aircraft refueling	Remove powder canisters; reportedly moved to this site when empty			X	X								$15,000
48	FAA	Main Construction Camp	Owned and operated by FAA for over 25 years	Remove fuel tanks, contaminated soil (lead, fuel, and PCBs), solvents, septic tanks, asbestos, lead-based paint, collapsed buildings, etc.; foundation to remain	Standard Oil, USCG, and others leased property at this site from FAA	X	X	X	X	X	X					$2,900,000
49	FAA	Gasoline Station	Operated by Standard Oil and later by FAA	Remove/remediate contaminated soil from garage/wash/service area buildings; lead-based paint on buildings	Four buildings used by Standard Oil, FAA, USCG, and USN; SHPO issues	X	X	X	X	X	X					$500,000
50	FAA	Fire Truck Hut	Operated by Standard Oil and later by FAA	Remove fuel tank, lead-based paint, and fuel contamination; building to remain	Asbestos removal scheduled by DOD during 1999; SHPO issues	X	X	X	X	X	X					$100,000
51	FAA	FAA Storage Yard	Owned and operated by FAA for over 25 years	Remove fuel tanks, lead-based painted buildings which have collapsed, equipment, septic tanks, and fuel-contaminated soil	Many burned buildings in the area	X	X	X	X	X	X					$100,000
52	BIA	Waste Water Treatment Pond	Used to aerate sewage generated from the FAA housing area	Repair sewage lagoon to support cleanup activities		X										$90,000
53A	FAA	FAA Housing Area--POL and Tanks	Owned and operated by FAA for over 25 years	Remove underground fuel tanks and associated fuel-contaminated soil	USCG and MIC also used the tanks	X	X	X	X							$500,000

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Site Number)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
53B	BIA	FAA Housing Area--Lead and Asbestos	Housing was built during WWII	Remove asbestos and lead-based paint	Housing used by FAA, USCG, MIC, and NWS			X	X	X						$2,550,000
54	BIA	Public School	Originally a state school	Debris; lead-contaminated soils; POL contamination	School was burned to the ground							X				$320,000
55	FAA	FAA Service Building	Used as FAA garage	Remove fuel, fuel tanks, and contaminated soil		X	X	X	X	X	X	X				$100,000
56A	FUDS	PNA/WA Residential Building (three 80,000 gallon ASTs)	Wood stave fuel tanks constructed as part of airfield support	Remediate POL-contaminated soil	SHPO issues; access; potential Standard Oil responsibility	X	X	X	X	X	X					$1,500,000
56B	BIA	PNA/WA Residential Building (lead and asbestos)	Apartment was built for airline employees and is currently used for MIC residences	Remove asbestos and lead-based paint			X									$30,000
57	FAA	Administration Building	FAA leased property, NWS-owned Building 307 (also called BC-1)	Possible lead in soil from burned building; remove collapsed building; foundation to remain	Later used by USCG as Muskeg Lounge				X	X						$15,000
58	FUDS	DOD Utility Officer Buildings--Quarter Master and Utility Buildings	Shop area providing aircraft and other maintenance	Investigate and remediate potential POL, solvent, and paint contamination	Building demolition eligibility		X	X	X							$15,000
59	FUDS	Air Warning Center Garrison	Site of the AWS filter center; included housing to support AWS personnel	Investigate and remove POL associated with power generators and fuel tanks	SHPO issues; building demolition eligibility				X	X	X					$250,000
60	FAA	Receiver Station	Owned by FAA for over 25 years	Remove lead-based painted metal and collapsed building	SHPO issues							X	X			$15,000
61	FAA	71st Garrison	Owned by the FAA for over 25 years	Remove drums and other hazardous materials	Could save one Quonset hut which is in great shape					X	X					$250,000
62	FAA	Power House	Owned and operated by FAA for over 25 years	Remove contaminated soil from fuel storage site; foundation to remain	Possible lead-based paint on building; SHPO issues	X	X	X	X	X	X	X				$500,000
63	FAA	Remote Receiver Station	Owned and operated by FAA for over 25 years	Remove lead based-paint, asbestos, towers, lead communication cables	SHPO issues	X	X	X								$150,000
64	FAA	Runway Taxiways and Parking Circles	Owned and operated by FAA for over 25 years	Remove drums and spills			X	X	X	X						$150,000
65	DOD	Runway Fortifications	Training area adjacent to Runway A	Remove barbed wire; fill trenches	SHPO issues; safety; project eligibility unresolved									X		$150,000
66	FAA	High Intensity Light	Owned and operated by FAA for over 25 years	Remove light fixtures (asbestos wiring, ballasts, bulbs)	SHPO issues									X		$15,000
67	FAA	Weather Bureau Station--Near Hangar	Subleased from FAA for 25 years	Remove buried drums near site								X	X			$10,000

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Site Number)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY98	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
68	USCG	USCG Water Treatment Plant	Owned and operated by USCG; property leased from FAA/MIC	Remove asbestos, PCB oils, and hazards	One abandoned PCB containing transformer in the area			X	X	X						$60,000
69A	USCG	USCG Quarters--POL	Owned and operated by USCG; property leased from FAA/MIC	Remove fuel spillage from former AST					X	X						$100,000
69B	BIA	USCG Quarters--Structure	Remains of USCG quarters consist of a two-story building	Remove structure and debris, replace structure				X								$830,000
70	FAA	Beacon Tower	Owned and operated by FAA for over 25 years	Demolish tower	SHPO issues		X	X								$15,000
71A	USCG	USCG Garage--Asbestos	Owned and operated by USCG; property leased from FAA/MIC	Remove asbestos			X	X								$50,000
71B	BIA	USCG Garage--Other	Former USCG office currently in use for sawmill storage and repair shop	Remove asbestos, barrels, containment for AST						X						$70,000
72	USCG	Hangar Boiler Building	Owned and operated by USCG; property leased from FAA/MIC	Remove asbestos and PCB- and fuel contaminated soils	Asbestos removal scheduled for 1999 by DOD	X				X	X	X				$100,000
73	USCG	Boiler Building AST	Owned and operated by USCG; property leased from FAA/MIC	Remove PCB- and fuel-contaminated soils and lead-based painted fuel tank	Leaded fuels appear to have been spilled in the area			X	X	X						$150,000
74	USCG	USCG ASTs	Owned and operated by USCG; property leased from FAA/MIC	Remove PCB- and fuel-contaminated soils and lead-based painted fuel tank	Leaded fuels appear to have been spilled in the area				X	X	X					$50,000
75	USCG	Hangar	Owned and operated by USCG; property leased from FAA/MIC	Remove lead-based paint, asbestos, UST tank, and PCB and fuel spills in and around hangar	Ownership of abandoned transformers in the hangar is unclear				X	X	X	X	X			$4,000,000
76	FAA	Trailer (Former MoGas-Gas UST Service Island Location)	Subleased from FAA for 25 years by Standard Oil	Remove three USTs, including one by the hangar; remove contaminated soil	Tanks may belong to Standard Oil	X	X	X								$300,000
77	BIA	PNA/WA Terminal	Single story building with garage	Remove asbestos and lead-based paint, debris; remediate contaminated soils; replace structure	Building was burned to the ground						X					$430,000
78	FAA	Air Traffic Control Tower	Owned and operated by FAA for over 25 years	Demolish tower; remove UST and contaminated soil	Tower may be of historic value; SHPO issues	X	X	X								$175,000
79	BIA	Log Storage Yard		Barrels, debris, contaminated soils								X				$350,000
80	FAA	Localizer	Owned and operated by FAA for over 25 years	Remove lead-based paint and asbestos, collapsed building, and equipment (Building 401)	SHPO issues	X	X									$25,000
81	DOD	Moss Point Garrison	Housing for base personnel; largely Quonset hut and local wood-frame construction	Sewer issues; investigate and remediate potential POL and solvents	SHPO issues; project eligibility unresolved		X									$250,000

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Site Number)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
82	DOD	Winnipeg Garrison (PAA Housing)	Housing for base personnel; largely Quonset hut and local wood-frame construction; remodeled after DOD use by Pan American Airlines	Investigate and remove potential fuel tanks; remediate POL contamination	Project eligibility unresolved			X								$500,000
83	DOD	Annette Inn Auxiliary Area	Former anti-aircraft positions and housing	Remove collapsed structures in creek	Project eligibility unresolved				X							$200,000
84	FUDS	Tokio Garrison	Housing for base personnel; largely Quonset hut and local wood-frame construction	Investigate and remove POL associated with power generators and fuel tanks	SHPO issues; building demolition eligibility				X	X						$250,000
85		Tropospheric Relay Station														
86	FUDS	Satellite Tracking Station	Constructed in 1961 for the early radar tracking of satellites	Investigate concrete structures; potential for lead-based paint and lead-contaminated soil	SHPO issues						X					$25,000
87	DOD	Point Davison Garrison	Housing for personnel operating the 155mm gun positions	Sewer issues; investigate and remediate potential POL and solvents	Critical SHPO issues; project eligibility unresolved							X				$500,000
88		Burned Buildings (covered in other features)														
89	FAA	Trash Dumps Island Wide	Government materials/trash sites	Remove environmental issues, government trash, electronic equipment	Some WWII plane parts may be historic		X	X	X	X						$500,000
90A	FAA	Fuel Dump Sites (Drums)--Island Wide	Government materials/trash sites	Remove drums; most contained asphalt for the runway		X	X	X	X							$750,000
90B	DOD	Debris/Empty Drums	DOD dumped drums at various sites on the island	Remove drums	Safety issues	X										$350,000
91	FUDS	Hotspur Island	Observation post established for early detection and warning	No issues/work identified												Not on Reserve
92	FUDS	Callaghan Island	Observation post established for early detection and warning	No issues/work identified												Not on Reserve
93	FUDS	Warburton Island	Observation post established for early detection and warning	No issues/work identified												No work required
	DOD	Abestos Abatement Sites (10% of Total)	Island-wide former federally-owned buildings	Remove asbestos	Eligibility unresolved for DOD programs	X										$600,000
	DOD	Lead-Based Paint Abatement Sites (10% of Total)	Island-wide former federally-owned buildings	Remove lead-based paint	Eligibility unresolved for DOD programs									X	X	$1,000,000
		TOTAL														$61,565,000

Coordinated Comprehensive Cleanup (C3) Plan

Annette Island, Alaska

Site Table
(sorted by Agency)

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Agency)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
1	FUDS	Water Treatment Plant	DOD-constructed in 1941 to supply fresh water to the Garrison areas	Mercury from switches and potential POL contamination from small fuel tank next to generator building, debris from fall structures	Access road repair and bridge repair	X	X	X								$250,000
3	FUDS	6-inch Guns and Garrison	Two 6-inch guns were installed for coastal defense; included housing for gun crews	Investigate and remove potential POL associated with heating oil tanks, debris	SHPO issues; building demolition eligibility						X					$15,000
18	FUDS	Main Hospital Area	Quonset hut construction; 75 bed hospital	Investigate and remove potential POL, solvents, and insecticides	Site access; building demolition eligibility	X	X	X	X	X	X					$3,000,000
26	FUDS	Canoe Cove Garrison	Housing for base personnel; largely Quonset hut and local wood-frame construction	Remove fuel tanks	SHPO issues; building demolition eligibility				X	X	X					$250,000
31	FUDS	Underground Fuse Magazines	Storage magazines for torpedo fuses	Remove fall hazards	SHPO issues						X					$50,000
33C	FUDS	Landing Field--Firing Ranges near Runway B	Landing field consisted of two gravel runways constructed by DOD; small arms firing range was established in one of the aircraft parking revetments	Investigate and remove lead, if necessary	Potentially used after military		X	X	X							$100,000
38	FUDS	DOD Sawmill	Provided lumber for local construction in support of base operations	Remove debris; investigate potential contamination relating to sawmill operations							X					$50,000
39A	FUDS	Fuel Pipeline System	Supplied the operational reserve and tactical fueling system; delivered fuel from the fuel dock to the storage tanks and to runway fueling pits	Remove fuel in pipeline and potential soil contamination	Potentially Standard Oil responsibility	X	X	X	X	X	X					$5,000,000
43B	FUDS	USCG Housing--South Tamgas Harbor Dock Ordnance Dive	Ordnance may have been dumped in Tamgas Harbor at the end of the war	Investigate possible ordnance contaminates and dumped debris				X								$50,000
45B	FUDS	USCG Seaplane Base--Ramp Ordnance Dive	Ordnance may have been dumped in Tamgas Harbor at the end of WWII	Investigate possible ordnance contaminates and dumped debris				X								$50,000
47B	FUDS	USCG Taxiways and Parking Circle--Ordnance Survey	WWII aircraft parking area used by USCG for aircraft refueling	Remove powder canisters; reportedly moved to this site when empty			X	X								$15,000
56A	FUDS	PNA/WA Residential Building (three 80,000 gallon ASTs)	Wood stave fuel tanks constructed as part of airfield support	Remediate POL-contaminated soil	SHPO issues; access; potential Standard Oil responsibility	X	X	X	X	X	X					$1,500,000
58	FUDS	DOD Utility Officer Buildings--Quarter Master and Utility Buildings	Shop area providing aircraft and other maintenance	Investigate and remediate potential POL, solvent, and paint contamination	Building demolition eligibility		X	X	X							$15,000
59	FUDS	Air Warning Center Garrison	Site of the AWS filter center; included housing to support AWS personnel	Investigate and remove POL associated with power generators and fuel tanks	SHPO issues; building demolition eligibility				X	X	X					$250,000

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Agency)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
84	FUDS	Tokio Garrison	Housing for base personnel; largely Quonset hut and local wood-frame construction	Investigate and remove POL associated with power generators and fuel tanks	SHPO issues; building demolition eligibility				X	X						$250,000
86	FUDS	Satellite Tracking Station	Constructed in 1961 for the early radar tracking of satellites	Investigate concrete structures; potential for lead-based paint and lead-contaminated soil	SHPO issues						X					$25,000
91	FUDS	Hotspur Island	Observation post established for early detection and warning	No issues/work identified												Not on Reserve
92	FUDS	Callaghan Island	Observation post established for early detection and warning	No issues/work identified												Not on Reserve
93	FUDS	Warburton Island	Observation post established for early detection and warning	No issues/work identified												No work required
	FUDS	TOTAL														$10,870,000

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Agency)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* M/C Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
2	DOD	Engineer Garrison (Yellow Hill)	Housing for base engineers	Sewer issues; investigate and remediate potential POL and solvents	SHPO issues; project eligibility unresolved								X			$50,000
15A	DOD	White Alice Station (MPL)	Constructed in 1956 as a DEW line communication link	UST still connected to active system; investigate and remediate releases from UST; remove debris	Project eligibility unresolved				X	X	X					$2,000,000
65	DOD	Runway Fortifications	Training area adjacent to Runway A	Remove barbed wire; fill trenches	SHPO issues; safety; project eligibility unresolved									X		$150,000
81	DOD	Moss Point Garrison	Housing for base personnel; largely Quonset hut and local wood-frame construction	Sewer issues; investigate and remediate potential POL and solvents	SHPO issues; project eligibility unresolved		X									$250,000
82	DOD	Winnipeg Garrison (PAA Housing)	Housing for base personnel; largely Quonset hut and local wood-frame construction; remodeled after DOD use by Pan American Airlines	Investigate and remove potential fuel tanks; remediate POL contamination	Project eligibility unresolved			X								$500,000
83	DOD	Annette Inn Auxiliary Area	Former anti-aircraft positions and housing	Remove collapsed structures in creek	Project eligibility unresolved				X							$200,000
87	DOD	Point Davison Garrison	Housing for personnel operating the 155mm gun positions	Sewer issues; investigate and remediate potential POL and solvents	Critical SHPO issues; project eligibility unresolved							X				$500,000
908	DOD	Debris/Empty Drums	DOD dumped drums at various sites on the island	Remove drums	Safety issues	X										$350,000
	DOD	Abestos Abatement Sites (10% of Total)	Island-wide former federally-owned buildings	Remove asbestos	Eligibility unresolved for DOD programs	X										$600,000
	DOD	Lead-Based Paint Abatement Sites (10% of Total)	Island-wide former federally-owned buildings	Remove lead-based paint	Eligibility unresolved for DOD programs									X	X	$1,000,000
	DOD	TOTAL														$5,600,000

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Agency)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
5	FAA	Municipal Landfill	Started in the 1940s and used only by the government until the mid-1960s; currently used by MIC	Close landfill with funding from responsible parties; landfill is a wetland and not permitted	A new landfill/waste management system needed to be funded				X	X	X	X	X	X	X	$5,000,000
10	FAA	Automobile Landfill	Used for storage/disposal of metal materials, drums, vehicles, etc.	Remove materials; recycle metal materials	North corner of site shows signs of soil contamination; SHPO issues	X	X	X								$750,000
14	FAA	Chlorination Building	Built by FAA; contains lead-based paint	Remove building	Asbestos on water pipeline not addressed in this work					X	X					$15,000
16	FAA	Antenna Towers	Built by FAA; contain lead-based paint	Remove towers	SHPO issues		X	X								$50,000
19	FAA	Non-Directional Beacon (NDB)	Site currently leased and in use	Lead in soil from burned building; remove downed towers	SHPO issues	X	X									$100,000
21	FAA	Remote Communications Air-Ground (RCAG) Facility	Site currently leased but not in use	Remove building; remove fuel-contaminated soil; foundation to remain	Underground fuel tank removed during 1998; SHPO issues	X	X									$150,000
22	FAA	AACS Station	Used by FAA	Remove asbestos, lead, and collapsed building; foundation to remain	Tower also on site; to be removed; SHPO issues		X	X								$100,000
23	FAA	ACS Transmitter	ACS run in cooperation with FAA	Potential fuel and PCB spills; remove collapsed building; foundation to remain	Additional soil testing needed; SHPO issues	X	X	X								$80,000
24	FAA	Middle Marker Facility	Built by FAA; contains lead-based paint, asbestos, and electrical equipment	Remove collapsed building and tar drums near stream	Nearby transformer casing tested clean for PCBs; to be removed; SHPO issues	X	X	X								$35,000
25	FAA	Approach Lighting System	Consists of 29 towers built and used by FAA	Remove towers	SHPO issues		X	X								$500,000
27	FAA	VORTAC Facility	Site currently leased and in use	Remove lead-based paint chips from soil	Lead from painted counterpoise				X	X	X					$750,000
28	FAA	Water Tanks	Built and abandoned in place on current lease site (VORTAC)	Remove platforms, wire rings, and other debris from site											X	$15,000
29	FAA	Directional Finder Antenna	Site currently leased and in use	Antenna may be painted with lead-based paint	May require stripping and repainting										X	$5,000
30	FAA	Satellite Station (ANICS)	Site currently leased and in use	No known problems	New facility mid-1990s											
32	FAA	SALSR	Built and used by FAA	Remove lead-based painted building	PCBs removed 1996		X									$5,000
33A	FAA	Landing Field	Owned and operated by FAA	Remove drums from revetments and investigate soils potentially contaminated with herbicides	SHPO issues						X	X	X			$500,000

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
34	FAA	Runway to Camp Road (Plank Road)	Built and abandoned in place	Remove roadway and drums	SHPO issues								X	X	X	$5,000,000
35	FAA	Small Tower	Used for airport operation	Remove lead-based painted tower	SHPO issues		X									$5,000
36	FAA	Glide Slope Facility	Built and used by FAA	Remove remains of the lead-based painted building	PCB-containing equipment removed 1996/97; SHPO issues	X	X									$15,000
37	FAA	Sand Shed/Asphalt Plant	Facility operated for 30 years by FAA	Remove drums, metal bands, burned building, and lead in soil; investigate tar pit (potentially remove tar pit)	"Black Water" contamination testing needed; sample for antifreeze in sand shed soil location; SHPO issues	X	X	X	X	X	X					$3,000,000
39B	FAA	Fuel Pipeline System	See Site 43A	Tamgas Harbor Dock fuel pipelines	See Site 43A											
41	FAA	Tanker Truck Loading Facility-Tank Farm	Leased to Standard Oil by FAA for over 25 years	Remove/remediate fuel-contaminated soil	Standard Oil (now Chevron), MIC, and others could be participating parties; SHPO issues	X	X	X								$100,000
42	FAA	FAA Tank Farm	Operated by Standard Oil under a lease from FAA	Remove/remediate fuel-contaminated soils; confirm whether spills have impacted Tamgas Harbor wildlife	Standard Oil (now Chevron), MIC, and others could be participating parties; SHPO issues	X	X	X	X	X	X	X	X	X	X	$5,000,000
43A	FAA	South Tamgas Harbor Dock--Dock and Pipeline	Dock--owned and operated by FAA and used by Standard Oil for over 25 years; fuel line--owned by Standard Oil (now Chevron) and MIC	Remove fuel and pipeline	Fuel and pipelines removed by USCG during May 99; SHPO issues	X	X	X	X	X	X					$100,000
48	FAA	Main Construction Camp	Owned and operated by FAA for over 25 years	Remove fuel tanks, contaminated soil (lead, fuel, and PCBs), solvents, septic tanks, asbestos, lead-based paint, collapsed buildings, etc.; foundation to remain	Standard Oil, USCG, and others leased property at this site from FAA	X	X	X	X	X	X					$2,900,000
49	FAA	Gasoline Station	Operated by Standard Oil and later by FAA	Remove/remediate contaminated soil from garage/wash/service area buildings; lead-based paint on buildings	Four buildings used by Standard Oil, FAA, USCG, and USN; SHPO issues	X	X	X	X	X	X					$500,000
50	FAA	Fire Truck Hut	Operated by Standard Oil and later by FAA	Remove fuel tank, lead-based paint, and fuel contamination; building to remain	Asbestos removal scheduled by DOD during 1999; SHPO issues	X	X	X	X	X	X					$100,000
51	FAA	FAA Storage Yard	Owned and operated by FAA for over 25 years	Remove fuel tanks, lead-based painted buildings which have collapsed, equipment, septic tanks, and fuel-contaminated soil	Many burned buildings in the area	X	X	X	X	X	X					$100,000
52A	FAA	FAA Housing Area--POL and Tanks	Owned and operated by FAA for over 25 years	Remove underground fuel tanks and associated fuel-contaminated soil	USCG and MIC also used the tanks	X	X	X	X							$500,000

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Agency)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
55	FAA	FAA Service Building	Used as FAA garage	Remove fuel, fuel tanks, and contaminated soil		X	X	X	X	X	X	X				$100,000
57	FAA	Administration Building	FAA leased property, NWS-owned Building 307 (also called BC-1).	Possible lead in soil from burned building; remove collapsed building; foundation to remain	Later used by USCG as Muskeg Lounge				X	X						$15,000
60	FAA	Receiver Station	Owned by FAA for over 25 years	Remove lead-based painted metal and collapsed building	SHPO issues							X	X			$15,000
61	FAA	71st Garrison	Owned by the FAA for over 25 years	Remove drums and other hazardous materials	Could save one Quonset hut which is in great shape					X	X					$250,000
62	FAA	Power House	Owned and operated by FAA for over 25 years	Remove contaminated soil from fuel storage site; foundation to remain	Possible lead-based paint on building; SHPO issues	X	X	X	X	X	X	X				$500,000
63	FAA	Remote Receiver Station	Owned and operated by FAA for over 25 years	Remove lead based-paint, asbestos, towers, lead communication cables	SHPO issues	X	X	X								$150,000
64	FAA	Runway Taxiways and Parking Circles	Owned and operated by FAA for over 25 years	Remove drums and spills			X	X	X	X						$150,000
66	FAA	High Intensity Light	Owned and operated by FAA for over 25 years	Remove light fixtures (asbestos wiring, ballasts, bulbs)	SHPO issues									X		$15,000
67	FAA	Weather Bureau Station--Near Hangar	Subleased from FAA for 25 years	Remove buried drums near site								X	X			$10,000
70	FAA	Beacon Tower	Owned and operated by FAA for over 25 years	Demolish tower	SHPO issues		X	X								$15,000
76	FAA	Trailer (Former MoGas-Gas UST Service Island Location)	Subleased from FAA for 25 years by Standard Oil	Remove three USTs, including one by the hangar; remove contaminated soil	Tanks may belong to Standard Oil	X	X	X								$300,000
78	FAA	Air Traffic Control Tower	Owned and operated by FAA for over 25 years	Demolish tower; remove UST and contaminated soil	Tower may be of historic value; SHPO issues	X	X	X								$175,000
80	FAA	Localizer	Owned and operated by FAA for over 25 years	Remove lead-based paint and asbestos, collapsed building, and equipment (Building 401)	SHPO issues	X	X									$25,000
89	FAA	Trash Dumps Island Wide	Government materials/trash sites	Remove environmental issues, government trash, electronic equipment	Some WWII plane parts may be historic		X	X	X	X						$500,000
90A	FAA	Fuel Dump Sites (Drums)--Island Wide	Government materials/trash sites	Remove drums; most contained asphalt for the runway		X	X	X	X							$750,000

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Agency)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
	FAA	TOTAL														$28,345,000

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Agency)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule									Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
33B	USCG	Former USCG Storage Area	Leased from FAA by USCG	Remove drums, fuel-contaminated soil from Revetments H-38, H-39, H-40		X	X	X								$75,000
40	USCG	Pipeline Oil/Water Separators	Used by USN and USCG during WWII	Drain fuel line; cleanup contaminated soil	This work should be included with cleanup of entire six miles of pipeline			X	X	X						$80,000
44	USCG	USCG Housing	Owned and operated by USCG; property leased from FAA/MIC	Remove fuel lines, fuel tanks, and associated contaminated soil	Building foundation and collapsed buildings				X	X	X					$150,000
45A	USCG	USCG Seaplane Base	Owned and operated by USCG; property leased from FAA/MIC	Remove lead-based paint materials, debris, and hazards								X	X	X		$25,000
46	USCG	USCG Fire Station/Post Exchange	Operated by USCG; property leased from FAA	Remove lead, asbestos, fuel lines, fuel tanks, and associated contaminated soil					X							$95,000
47A	USCG	USCG Taxiways and Parking Circles	Owned and operated by USCG; property leased from FAA/MIC	Remove transformer, drums, and fuel contaminated soil	Used as storage area for fuels removed from planes		X	X	X							$25,000
68	USCG	USCG Water Treatment Plant	Owned and operated by USCG; property leased from FAA/MIC	Remove asbestos, PCB oils, and hazards	One abandoned PCB containing transformer in the area			X	X	X						$60,000
69A	USCG	USCG Quarters--POL	Owned and operated by USCG; property leased from FAA/MIC	Remove fuel spillage from former AST					X	X						$100,000
71A	USCG	USCG Garage--Asbestos	Owned and operated by USCG; property leased from FAA/MIC	Remove asbestos			X	X								$50,000
72	USCG	Hangar Boiler Building	Owned and operated by USCG; property leased from FAA/MIC	Remove asbestos and PCB- and fuel contaminated soils	Asbestos removal scheduled for 1999 by DOD	X				X	X	X				$100,000
73	USCG	Boiler Building AST	Owned and operated by USCG; property leased from FAA/MIC	Remove PCB- and fuel-contaminated soils and lead-based painted fuel tank	Leaded fuels appear to have been spilled in the area			X	X	X						$150,000
74	USCG	USCG ASTs	Owned and operated by USCG; property leased from FAA/MIC	Remove PCB- and fuel-contaminated soils and lead-based painted fuel tank	Leaded fuels appear to have been spilled in the area				X	X	X					$50,000
75	USCG	Hangar	Owned and operated by USCG; property leased from FAA/MIC	Remove lead-based paint, asbestos, UST tank, and PCB and fuel spills in and around hangar	Ownership of abandoned transformers in the hangar is unclear				X	X	X	X	X			$4,000,000
	USCG	TOTAL														$4,980,000

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Agency)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
7	BIA	BIA Road Maintenance Center		Lead-based paint, PCBs, drums, contaminated soils, ASTs							X					$550,000
8	BIA	Bark Disposal Fill Area		Salvage bark and compost, metal debris, slope stabilization, close and cap area	Other potential participating party				X							$2,800,000
9	BIA	Power Generation Plant	Originally a USA power generation plant	Transformers, drums, contaminated soils, ASTs						X						$2,160,000
12	BIA	North Tamgas Harbor Tank Farm		Clean and refurbish tanks; spill containment for emergency response				X								$200,000
13	BIA	Abandoned Landfill		Batteries, paints, fuels, metal debris; closure			X	X								$870,000
52	BIA	Waste Water Treatment Pond	Used to aerate sewage generated from the FAA housing area	Repair sewage lagoon to support cleanup activities		X										$90,000
53B	BIA	FAA Housing Area–Lead and Asbestos	Housing was built during WWII	Remove asbestos and lead-based paint	Housing used by FAA, USCG, MIC, and NWS			X	X	X						$2,550,000
54	BIA	Public School	Originally a state school	Debris; lead-contaminated soils; POL contamination	School was burned to the ground							X				$320,000
56B	BIA	PNAWA Residential Building (lead and asbestos)	Apartment was built for airline employees and is currently used for MIC residences	Remove asbestos and lead-based paint			X									$30,000
69B	BIA	USCG Quarters–Structure	Remains of USCG quarters consist of a two-story building	Remove structure and debris, replace structure				X								$830,000
71B	BIA	USCG Garage–Other	Former USCG office currently in use for sawmill storage and repair shop	Remove asbestos, barrels, containment for AST						X						$70,000
77	BIA	PNAWA Terminal	Single story building with garage	Remove asbestos and lead-based paint, debris; remediate contaminated soils; replace structure	Building was burned to the ground						X					$430,000
79	BIA	Log Storage Yard		Barrels, debris, contaminated soils								X				$390,000
	BIA	TOTAL														$11,290,000

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Agency)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
20	DOC/NWS	Weather Bureau Housing	Active housing for NWS consisting of seven wood frame buildings	Active AST with potentially POL-contaminated soil	NWS is working on this site					X						$500,000
	DOC/NWS	TOTAL														$500,000

Coordinated Comprehensive Cleanup (C3) Plan

Annette Island, Alaska

Site Table
(sorted by Schedule)

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Schedule)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
	DOD	Asbestos Abatement Sites (10% of Total)	Island-wide former federally-owned buildings	Remove asbestos	Eligibility unresolved for DOD programs	X										$600,000
52	BIA	Waste Water Treatment Pond	Used to aerate sewage generated from the FAA housing area	Repair sewage lagoon to support cleanup activities		X										$90,000
90B	DOD	Debris/Empty Drums	DOD dumped drums at various sites on the island	Remove drums	Safety issues	X										$350,000
19	FAA	Non-Directional Beacon (NDB)	Site currently leased and in use	Lead in soil from burned building; remove downed towers	SHPO issues	X	X									$100,000
36	FAA	Glide Slope Facility	Built and used by FAA	Remove remains of the lead-based painted building	PCB-containing equipment removed 1996/97; SHPO issues	X	X									$15,000
21	FAA	Remote Communications Air-Ground (RCAG) Facility	Site currently leased but not in use	Remove building; remove fuel-contaminated soil; foundation to remain	Underground fuel tank removed during 1998; SHPO issues	X	X									$150,000
80	FAA	Localizer	Owned and operated by FAA for over 25 years	Remove lead-based paint and asbestos, collapsed building, and equipment (Building 401)	SHPO issues	X	X									$25,000
1	FUDS	Water Treatment Plant	DOD-constructed in 1941 to supply fresh water to the Garrison areas	Mercury from switches and potential POL contamination from small fuel tank next to generator building, debris from fall structures	Access road repair and bridge repair	X	X	X								$250,000
10	FAA	Automobile Landfill	Used for storage/disposal of metal materials, drums, vehicles, etc.	Remove materials; recycle metal materials	North corner of site shows signs of soil contamination; SHPO issues	X	X	X								$750,000
23	FAA	ACS Transmitter	ACS run in cooperation with FAA	Potential fuel and PCB spills; remove collapsed building; foundation to remain	Additional soil testing needed; SHPO issues	X	X	X								$80,000
24	FAA	Middle Marker Facility	Built by FAA; contains lead-based paint, asbestos, and electrical equipment	Remove collapsed building and tar drums near stream	Nearby transformer casing tested clean for PCBs; to be removed; SHPO issues	X	X	X								$35,000
33B	USCG	Former USCG Storage Area	Leased from FAA by USCG	Remove drums, fuel-contaminated soil from Revetments H-38, H-39, H-40		X	X	X								$75,000
41	FAA	Tanker Truck Loading Facility-Tank Farm	Leased to Standard Oil by FAA for over 25 years	Remove/remediate fuel-contaminated soil	Standard Oil (now Chevron), MIC, and others could be participating parties; SHPO issues	X	X	X								$100,000
63	FAA	Remote Receiver Station	Owned and operated by FAA for over 25 years	Remove lead based-paint, asbestos, towers, lead communication cables	SHPO issues	X	X	X								$150,000
76	FAA	Trailer (Former MoGas-Gas UST Service Island Location)	Subleased from FAA for 25 years by Standard Oil	Remove three USTs, including one by the hangar; remove contaminated soil	Tanks may belong to Standard Oil	X	X	X								$300,000
78	FAA	Air Traffic Control Tower	Owned and operated by FAA for over 25 years	Demolish tower; remove UST and contaminated soil	Tower may be of historic value; SHPO issues	X	X	X								$175,000

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Schedule)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
53A	FAA	FAA Housing Area--POL and Tanks	Owned and operated by FAA for over 25 years	Remove underground fuel tanks and associated fuel-contaminated soil	USCG and MIC also used the tanks	X	X	X	X							$500,000
99A	FAA	Fuel Dump Sites (Drums)--Island Wide	Government materials/trash sites	Remove drums; most contained asphalt for the runway		X	X	X	X							$750,000
39A	FUDS	Fuel Pipeline System	Supplied the operational reserve and tactical fueling system; delivered fuel from the fuel dock to the storage tanks and to runway fueling pits	Remove fuel in pipeline and potential soil contamination	Potentially Standard Oil responsibility	X	X	X	X	X	X					$5,000,000
56A	FUDS	PNA/WA Residential Building (three 80,000 gallon ASTs)	Wood stave fuel tanks constructed as part of airfield support	Remediate POL-contaminated soil	SHPO issues; access; potential Standard Oil responsibility	X	X	X	X	X	X					$1,500,000
48	FAA	Main Construction Camp	Owned and operated by FAA for over 25 years	Remove fuel tanks, contaminated soil (lead, fuel, and PCBs), solvents, septic tanks, asbestos, lead-based paint, collapsed buildings, etc.; foundation to remain	Standard Oil, USCG, and others leased property at this site from FAA	X	X	X	X	X	X					$2,900,000
18	FUDS	Main Hospital Area	Quonset hut construction; 75 bed hospital	Investigate and remove potential POL, solvents, and insecticides	Site access; building demolition eligibility	X	X	X	X	X	X					$3,000,000
37	FAA	Sand Shed/Asphalt Plant	Facility operated for 30 years by FAA	Remove drums, metal bands, burned building, and lead in soil; investigate tar pit (potentially remove tar pit)	"Black Water" contamination testing needed; sample for antifreeze in sand shed soil location; SHPO issues	X	X	X	X	X	X					$3,000,000
43A	FAA	South Tamgas Harbor Dock--Dock and Pipeline	Dock--owned and operated by FAA and used by Standard Oil for over 25 years; fuel line--owned by Standard Oil (now Chevron) and MIC	Remove fuel and pipeline	Fuel and pipelines removed by USCG during May 99; SHPO issues	X	X	X	X	X	X					$100,000
49	FAA	Gasoline Station	Operated by Standard Oil and later by FAA	Remove/remediate contaminated soil from garage/wash/service area buildings; lead-based paint on buildings	Four buildings used by Standard Oil, FAA, USCG, and USN; SHPO issues	X	X	X	X	X	X					$500,000
50	FAA	Fire Truck Hut	Operated by Standard Oil and later by FAA	Remove fuel tank, lead-based paint, and fuel contamination; building to remain	Asbestos removal scheduled by DOD during 1999; SHPO issues	X	X	X	X	X	X					$100,000
51	FAA	FAA Storage Yard	Owned and operated by FAA for over 25 years	Remove fuel tanks, lead-based painted buildings which have collapsed, equipment, septic tanks, and fuel-contaminated soil	Many burned buildings in the area	X	X	X	X	X	X					$100,000
55	FAA	FAA Service Building	Used as FAA garage	Remove fuel, fuel tanks, and contaminated soil		X	X	X	X	X	X	X				$100,000
72	USCG	Hangar Boiler Building	Owned and operated by USCG; property leased from FAA/MIC	Remove asbestos and PCB- and fuel contaminated soils	Asbestos removal scheduled for 1999 by DOD	X				X	X	X				$100,000

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Schedule)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
62	FAA	Power House	Owned and operated by FAA for over 25 years	Remove contaminated soil from fuel storage site; foundation to remain	Possible lead-based paint on building; SHPO issues	X	X	X	X	X	X	X				$500,000
42	FAA	FAA Tank Farm	Operated by Standard Oil under a lease from FAA	Remove/remediate fuel-contaminated soils; confirm whether spills have impacted Tamgas Harbor wildlife	Standard Oil (now Chevron), MIC, and others could be participating parties; SHPO issues	X	X	X	X	X	X	X	X	X	X	$5,000,000
32	FAA	SALSR	Built and used by FAA	Remove lead-based painted building	PCBs removed 1996		X									$5,000
35	FAA	Small Tower	Used for airport operation	Remove lead-based painted tower	SHPO issues		X									$5,000
59B	FUDS	PNA/WA Residential Building (lead and asbestos)	Apartment was built for airline employees and is currently used for MIC residences	Remove asbestos and lead-based paint			X									$30,000
81	DOD	Moss Point Garrison	Housing for base personnel; largely Quonset hut and local wood-frame construction	Sewer issues; investigate and remediate potential POL and solvents	SHPO issues; project eligibility unresolved		X									$250,000
13	BIA	Abandoned Landfill		Batteries, paints, fuels, metal debris; closure			X	X								$870,000
16	FAA	Antenna Towers	Built by FAA; contain lead-based paint	Remove towers	SHPO issues		X	X								$50,000
22	FAA	AACS Station	Used by FAA	Remove asbestos, lead, and collapsed building; foundation to remain	Tower also on site; to be removed; SHPO issues		X	X								$100,000
25	FAA	Approach Lighting System	Consists of 29 towers built and used by FAA	Remove towers	SHPO issues		X	X								$500,000
47B	FUDS	USCG Taxiways and Parking Circle--Ordnance Survey	WWII aircraft parking area used by USCG for aircraft refueling	Remove powder canisters; reportedly moved to this site when empty			X	X								$15,000
70	FAA	Beacon Tower	Owned and operated by FAA for over 25 years	Demolish tower	SHPO issues		X	X								$15,000
71A	USCG	USCG Garage--Asbestos	Owned and operated by USCG; property leased from FAA/MIC	Remove asbestos			X	X								$50,000
33C	FUDS	Landing Field--Firing Ranges near Runway B	Landing field consisted of two gravel runways constructed by DOD; small arms firing range was established in one of the aircraft parking revetments	Investigate and remove lead, if necessary	Potentially used after military		X	X	X							$100,000
47A	USCG	USCG Taxiways and Parking Circles	Owned and operated by USCG; property leased from FAA/MIC	Remove transformer, drums, and fuel contaminated soil	Used as storage area for fuels removed from planes		X	X	X							$25,000

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Schedule)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
58	FUDS	DOD Utility Officer Buildings--Quarter Master and Utility Buildings	Shop area providing aircraft and other maintenance	Investigate and remediate potential POL, solvent, and paint contamination	Building demolition eligibility		X	X	X							$15,000
64	FAA	Runway Taxiways and Parking Circles	Owned and operated by FAA for over 25 years	Remove drums and spills			X	X	X	X						$150,000
89	FAA	Trash Dumps Island Wide	Government materials/trash sites	Remove environmental issues, government trash, electronic equipment	Some WWII plane parts may be historic		X	X	X	X						$500,000
12	BIA	North Tamgas Harbor Tank Farm		Clean and refurbish tanks; spill containment for emergency response				X								$200,000
43B	FUDS	USCG Housing--South Tamgas Harbor Dock Ordnance Dive	Ordnance may have been dumped in Tamgas Harbor at the end of the war	Investigate possible ordnance contaminates and dumped debris				X								$50,000
45B	FUDS	USCG Seaplane Base--Ramp Ordnance Dive	Ordnance may have been dumped in Tamgas Harbor at the end of WWII	Investigate possible ordnance contaminates and dumped debris				X								$50,000
69B	BIA	USCG Quarters--Structure	Remains of USCG quarters consist of a two-story building	Remove structure and debris, replace structure				X								$830,000
82	DOD	Winnipeg Garrison (PAA Housing)	Housing for base personnel; largely Quonset hut and local wood-frame construction; remodeled after DOD use by Pan American Airlines	Investigate and remove potential fuel tanks; remediate POL contamination	Project eligibility unresolved			X								$500,000
40	USCG	Pipeline Oil/Water Separators	Used by USN and USCG during WWII	Drain fuel line; cleanup contaminated soil	This work should be included with cleanup of entire six miles of pipeline			X	X	X						$90,000
53B	BIA	FAA Housing Area--Lead and Asbestos	Housing was built during WWII	Remove asbestos and lead-based paint	Housing used by FAA, USCG, MIC, and NWS			X	X	X						$2,550,000
68	USCG	USCG Water Treatment Plant	Owned and operated by USCG; property leased from FAA/MIC	Remove asbestos, PCB oils, and hazards	One abandoned PCB containing transformer in the area			X	X	X						$60,000
73	USCG	Boiler Building AST	Owned and operated by USCG; property leased from FAA/MIC	Remove PCB- and fuel-contaminated soils and lead-based painted fuel tank	Leaded fuels appear to have been spilled in the area			X	X	X						$150,000
8	BIA	Bark Disposal Fill Area		Salvage bark and compost, metal debris, slope stabilization, close and cap area	Other potential participating party				X							$2,800,000
46	USCG	USCG Fire Station/Post Exchange	Operated by USCG; property leased from FAA	Remove lead, asbestos, fuel lines, fuel tanks, and associated contaminated soil					X							$95,000
83	DOD	Annette Inn Auxiliary Area	Former anti-aircraft positions and housing	Remove collapsed structures in creek	Project eligibility unresolved				X							$200,000
57	FAA	Administration Building	FAA leased property, NWS-owned Building 307 (also called BC-1)	Possible lead in soil from burned building; remove collapsed building; foundation to remain	Later used by USCG as Muskeg Lounge				X	X						$15,000

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Schedule)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
69A	USCG	USCG Quarters--POL	Owned and operated by USCG; property leased from FAA/MIC	Remove fuel spillage from former AST					X	X						$100,000
84	FUDS	Tokio Garrison	Housing for base personnel; largely Quonset hut and local wood-frame construction	Investigate and remove POL associated with power generators and fuel tanks	SHPO issues; building demolition eligibility				X	X						$250,000
15A	DOD	White Alice Station (MPL)	Constructed in 1956 as a DEW line communication link	UST still connected to active system; investigate and remediate releases from UST; remove debris	Project eligibility unresolved				X	X	X					$2,000,000
26	FUDS	Canoe Cove Garrison	Housing for base personnel; largely Quonset hut and local wood-frame construction	Remove fuel tanks	SHPO issues; building demolition eligibility				X	X	X					$250,000
27	FAA	VORTAC Facility	Site currently leased and in use	Remove lead-based paint chips from soil	Lead from painted counterpoise				X	X	X					$750,000
44	USCG	USCG Housing	Owned and operated by USCG; property leased from FAA/MIC	Remove fuel lines, fuel tanks, and associated contaminated soil	Building foundation and collapsed buildings				X	X	X					$150,000
59	FUDS	Air Warning Center Garrison	Site of the AWS filter center; included housing to support AWS personnel	Investigate and remove POL associated with power generators and fuel tanks	SHPO issues; building demolition eligibility				X	X	X					$250,000
74	USCG	USCG ASTs	Owned and operated by USCG; property leased from FAA/MIC	Remove PCB- and fuel-contaminated soils and lead-based painted fuel tank	Leaded fuels appear to have been spilled in the area				X	X	X					$50,000
75	USCG	Hangar	Owned and operated by USCG; property leased from FAA/MIC	Remove lead-based paint, asbestos, UST tank, and PCB and fuel spills in and around hangar	Ownership of abandoned transformers in the hangar is unclear				X	X	X	X	X			$4,000,000
5	FAA	Municipal Landfill	Started in the 1940s and used only by the government until the mid-1960s; currently used by MIC	Close landfill with funding from responsible parties; landfill is a wetland and not permitted	A new landfill/waste management system needed to be funded				X	X	X	X	X	X	X	$5,000,000
9	BIA	Power Generation Plant	Originally a USA power generation plant	Transformers, drums, contaminated soils, ASTs						X						$2,160,000
20	DOC/NWS	Weather Bureau Housing	Active housing for NWS consisting of seven wood frame buildings	Active AST with potentially POL-contaminated soil	NWS is working on this site					X						$500,000
71B	BIA	USCG Garage--Other	Former USCG office currently in use for sawmill storage and repair shop	Remove asbestos, barrels, containment for AST						X						$70,000
14	FAA	Chlorination Building	Built by FAA; contains lead-based paint	Remove building	Asbestos on water pipeline not addressed in this work					X	X					$15,000
61	FAA	71st Garrison	Owned by the FAA for over 25 years	Remove drums and other hazardous materials	Could save one Quonset hut which is in great shape					X	X					$250,000
3	FUDS	6-inch Guns and Garrison	Two 6-inch guns were installed for coastal defense; included housing for gun crews	Investigate and remove potential POL associated with heating oil tanks, debris	SHPO issues; building demolition eligibility						X					$15,000

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Schedule)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule										Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
7	BIA	BIA Road Maintenance Center		Lead-based paint, PCBs, drums, contaminated soils, ASTs							X					$550,000
31	FUDS	Underground Fuse Magazines	Storage magazines for torpedo fuses	Remove fall hazards	SHPO issues						X					$50,000
38	FUDS	DOD Sawmill	Provided lumber for local construction in support of base operations	Remove debris; investigate potential contamination relating to sawmill operations							X					$50,000
77	BIA	PNA/WA Terminal	Single story building with garage	Remove asbestos and lead-based paint, debris; remediate contaminated soils; replace structure	Building was burned to the ground						X					$430,000
86	FUDS	Satellite Tracking Station	Constructed in 1961 for the early radar tracking of satellites	Investigate concrete structures; potential for lead-based paint and lead-contaminated soil	SHPO issues						X					$25,000
33A	FAA	Landing Field	Owned and operated by FAA	Remove drums from revetments and investigate soils potentially contaminated with herbicides	SHPO issues						X	X	X			$500,000
54	BIA	Public School	Originally a state school	Debris; lead-contaminated soils; POL contamination	School was burned to the ground							X				$320,000
79	BIA	Log Storage Yard		Barrels, debris, contaminated soils								X				$390,000
87	DOD	Point Davison Garrison	Housing for personnel operating the 155mm gun positions	Sewer issues; investigate and remediate potential POL and solvents	Critical SHPO issues; project eligibility unresolved							X				$500,000
60	FAA	Receiver Station	Owned by FAA for over 25 years	Remove lead-based painted metal and collapsed building	SHPO issues							X	X			$15,000
67	FAA	Weather Bureau Station–Near Hangar	Subleased from FAA for 25 years	Remove buried drums near site								X	X			$10,000
45A	USCG	USCG Seaplane Base	Owned and operated by USCG; property leased from FAA/MIC	Remove lead-based paint materials, debris, and hazards								X	X	X		$25,000
2	DOD	Engineer Garrison (Yellow Hill)	Housing for base engineers	Sewer issues; investigate and remediate potential POL and solvents	SHPO issues; project eligibility unresolved								X			$50,000
34	FAA	Runway to Camp Road (Plank Road)	Built and abandoned in place	Remove roadway and drums	SHPO issues								X	X	X	$5,000,000
65	DOD	Runway Fortifications	Training area adjacent to Runway A	Remove barbed wire; fill trenches	SHPO issues; safety; project eligibility unresolved									X		$150,000
66	FAA	High Intensity Light	Owned and operated by FAA for over 25 years	Remove light fixtures (asbestos wiring, ballasts, bulbs)	SHPO issues									X		$15,000

Coordinated Comprehensive Cleanup (C3) Plan
Annette Island, Alaska
Site Table (sorted by Schedule)

Site Number *	Lead Agency	Site Name	Site History	Proposed Work	Other Issues	Planning Schedule									Estimated Cost at Completion
						FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	
* MIC Master Plan site number. Alpha designators have been added to detail specific work at a site by Agency.																
	DOD	Lead-Based Paint Abatement Sites (10% of Total)	Island-wide former federally-owned buildings	Remove lead-based paint	Eligibility unresolved for DOD programs									X	X	$1,000,000
28	FAA	Water Tanks	Built and abandoned in place on current lease site (VORTAC)	Remove platforms, wire rings, and other debris from site											X	$15,000
29	FAA	Directional Finder Antenna	Site currently leased and in use	Antenna may be painted with lead-based paint	May require stripping and repainting										X	$5,000
		TOTAL														$61,565,000

Coordinated Comprehensive Cleanup (C3) Plan

Annette Island, Alaska

Selected References

MOU Work Group Contacts

Acronyms

Selected References

1. Annette Island MOU Work Group, Feb 99, *Interagency Coordinated Comprehensive Cleanup (C3) Plan, Annette Island, Alaska.*
2. Annette Island MOU Work Group, Mar 99, *Coordinated Comprehensive Cleanup (C3) Plan, Annette Island, Alaska.*
3. Eberhardt, W., 18 Mar 88, FAA Hazardous Waste Program Manager (AAL-463H), Memorandum regarding on-site visit to Annette Island to David Epstein, Supervisor (AAL-463).
4. Ecology and Environment, Inc., Feb 93, *Trip Report, Federal Aviation Administration Hazardous Waste Removal/Disposal Project, Annette Island FAA Station*, prepared for Federal Aviation Administration, Anchorage, Alaska.
5. Ecology and Environment, Inc., Jan 95, *Hangar Building Sampling and Hazardous and Non-Hazardous Materials Removal/Disposal Project Work Plan, Annette Island FAA Station, Annette Island, Alaska,* prepared for Federal Aviation Administration, Anchorage, Alaska.
6. Ecology and Environment, Inc., Jun 94, *Expanded Site Investigation/Interim Cleanup Plan, Federal Aviation Administration, Annette Island FAA Station, Annette Island, Alaska*, prepared for Federal Aviation Administration, Anchorage, Alaska.
7. Ecology and Environment, Inc., Jun 95, *Trip Report Federal Aviation Administration Nonhazardous and Hazardous Materials Removal/Disposal Project Annette Island FAA Station Annette Island, Alaska*, prepared for Federal Aviation Administration, Anchorage, Alaska.
8. Ecology and Environment, Inc., Mar 90, *Hazardous and Toxic Waste Report Phase II Field Investigation, Annette Island Landing Field, Annette Island, Alaska*, prepared for Federal Aviation Administration, Anchorage, Alaska.
9. Ecology and Environment, Inc., May 92, *Environmental Compliance Investigation Report for the Annette Island FAA Facility*, prepared for Federal Aviation Administration, Anchorage, Alaska.
10. Ecology and Environment, Inc., May 92, *Real Estate File Summary, Annette Island FAA Facility*, Anchorage, Alaska, prepared for Federal Aviation Administration, Anchorage, Alaska
11. Ecology and Environment, Inc., May 95, *Site Cleanup and Investigation Report, Volume 1, Expanded Site Investigation/Interim Cleanup Project*, prepared for Federal Aviation Administration, Anchorage, Alaska.
12. Ecology and Environment, Inc., Nov 89, *Field Investigation Report, Phase II Field Investigation Annette Island Landing Field, Annette Island, Alaska*, prepared for U.S. Army Corps of Engineers, Anchorage, Alaska.
13. Ecology and Environment, Inc., Nov 95, Revision 1, *Remedial Action Plan, Hangar Facility, Annette Island FAA Station, Annette Island, Alaska*, prepared for Federal Aviation Administration, Anchorage, Alaska.
14. Federal Aviation Administration, Aug 97, *Annette Island Environmental Restoration Issues Annette Island, Alaska*, Anchorage, Alaska.
15. Federal Aviation Administration, Aug 97, *Coordinated Comprehensive Cleanup Program Cost Estimate Annette Island*, Anchorage, Alaska.
16. Harding Lawson Associates, 20 Mar 96, *FAA UST Management Report for Annette Island, Alaska*, prepared for Federal Aviation Administration, Anchorage, Alaska.
17. North Court Resource Management, 30 Oct 95, *Environmental Assessment of Risk and Compliance Issues for the Annette Island Reserve*, prepared for the Metlakatla Indian Community.
18. OHM Remediation Services Corp., Sep 98, Volume 1 of 7, *Annette Island PCB Removal*, report prepared for U.S. Army Corps of Engineers and FAA, Anchorage, Alaska.
19. Ridolfi Engineers and Associates, Inc., 30 Jun 98, *Metlakatla Peninsula Asbestos Inventory and Abatement Plan.*
20. Ridolfi Engineers and Associates, Inc., 30 Jun 98, *Metlakatla Peninsula Lead-Based Paint Investigation.*
21. Ridolfi Engineers and Associates, Inc., 31 Dec 98, *Metlakatla Peninsula Limited Remedial Investigation.*
22. Ridolfi Engineers and Associates, Inc., Oct 96, *Preliminary Assessment Metlakatla Peninsula.*
23. Ridolfi Engineers and Associates, Inc., Revised Jan 98, *Master Plan for Environmental Mitigation of the Metlakatla Peninsula.*
24. Rowe, Kay Ann, 1983, *People of the Salt Water Channel, The Natural History of Annette Island, Alaska.*
25. Sverdrup & Parcel and Associates, Inc., Jan 86, *Inventory Report for Annette Island Landing Field, Alaska*, prepared for U.S. Army Corps of Engineers, Anchorage, Alaska.
26. U.S. Army Engineer District, Alaska, 24 Oct 96, *Memorandum for Record: Subject: Annette Island Alaska—Investigation of Ordnance Explosive (OE) Storage Facilities.*

MOU Work Group Contacts

Participant	Telephone	Facsimile	Street Address	Mailing Address	E-mail Address
Benson, Jeff	907-886-4200	907-886-4202	Metlakatla Indian Community Milton Street Metlakatla, Alaska	Metlakatla Indian Community PO Box 3 Metlakatla AK 99926	micenvir@eagle.ptialaska.net
Beyette, Garth	907-271-3355	907-271-4470	Federal Aviation Administration, AAL-471 Airway Facilities Division 222 West 7th Avenue, #14 Anchorage, Alaska	Federal Aviation Administration, AAL-471 Airway Facilities Division 222 West 7th Avenue, #14 Anchorage AK 99513-7587	garth.beyette@faa.gov
Elconin, Andrea	907-753-5680	907-753-5626	U.S. Army Engineer District-Alaska Building 21-700 Elmendorf AFB, Alaska	U.S. Army Engineer District-Alaska CEPOA-PM-P (Elconin) PO Box 898 Anchorage AK 99506-0898	andrea.b.elconin@poa02.usace.army.mil
Gunyah, Ed	907-886-3791	907-886-7738	Bureau of Indian Affairs 13th & Auriol Metlakatla, Alaska	Bureau of Indian Affairs PO Box 450 Metlakatla AK 99926	biamet@metlakatla.net
Boynton, June *	503-231-6749	503-231-6701	Bureau of Indian Affairs 911 NE 11th Avenue Portland, Oregon	Bureau of Indian Affairs 911 NE 11th Avenue Portland OR 97232-4169	Jboynton@port.bia.gov
Deering, Robert **	907-463-2440	907-463-2404	Chief, Environmental Branch U.S. Coast Guard CEU 709 West 9th Street, Room 817 Juneau, Alaska	US Coast Guard Civil Engineering Unit Juneau ATTN: Bob Deering PO Box 21747 Juneau AK 99802-1747	rdeering@cgalaska.uscg.mil

* Secondary BIA contact.
**Participating member of the MOU Work Group, however, not an official signee.

Acronyms

AACS	Army Airway Communication System
ACS	Alaska Communications System
ANICS	Alaska National/Air Space Interfacility Communication System
AST	aboveground storage tank
AWS	Air Warning System
BDDR	building demolition and debris removal
BIA	Bureau of Indian Affairs
C3 Plan	Coordinated Comprehensive Cleanup Plan
CAA	Civil Aeronautics Administration
DEW	Distant Early Warning
DOC	Department of Commerce
DOI	Department of Interior
DOD	Department of Defense
DOT	Department of Transportation
DOW	Department of War
EPA	Environmental Protection Agency
FAA	Federal Aviation Administration
FS	feasibility study
FUDS	Formerly Used Defense Sites
GTE	General Telephone & Electric
MIC	Metlakatla Indian Community
MoGas	motor gasoline
MOU	memorandum of understanding
MPL	Metlakatla Power and Light
NDB	non-directional beacon
NEPA	National Environmental Policy Act
NWS	National Weather Service
O&M	operations and maintenance
OE	ordnance and explosives
PAA	Pan American Airlines
PCB	polychlorinated biphenyls
PNA/WA	Pacific Northern Airlines/Western Airlines
POL	petroleum oil lubricant
RCAG	remote communications air-ground
RD	remedial design
SALSR	Short Approach Lighting System Rail
SHPO	State Historical Preservation Office
USAED	U.S. Army Engineer District-Alaska
USA	U.S. Army
USAF	U.S. Air Force
USCG	U.S. Coast Guard
USFS	U.S. Forest Service
USN	U.S. Navy
UST	underground storage tank
VORTAC	very high frequency omnidirectional range TACAN
WWII	World War II

APPENDIX C

Community Event Handouts

Health Fair Handouts
April 14, 1999

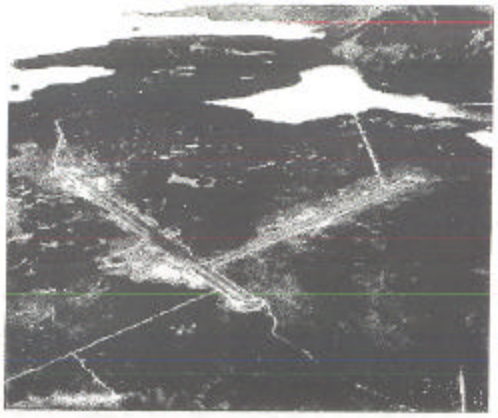
Radar Site was closed and the land lease terminated in 1963.

FAA Building History at Annette Island

In 1940 and 1941 FAA houses were built in the area of the Radio Beam Station that used Continuous Wave Morse Code. In 1941 the radio beam tower became a Simultaneous Broadcast Range with Adcock Antenna and "Z" marker (SBRAZ). It is still in use today as a Nondirectional Radio Beacon (NDB). The six housing units at this site were turned over to the Weather Bureau in 1955 and are still in use today.

In 1946 the CAA built additional dormitories in the main base camp area (Tent Point) and in 1949-50 more housing units were added. When the FAA left in 1974, 8 housing units were turned over to the MIC, who still uses some of them today.

In addition to housing facilities the CAA/FAA built a new drinking water system, roads, air navigation aids, and improvements to the airport including landing lights, paving, and communication systems.



The FAA operated the Annette Island Airport until the new Ketchikan International Airport replaced it in 1973. The USCG continued to use the airport until they relocated to Sitka, Alaska in 1977. Today the former 12,000-acre former military base still has FAA navigation aids, a Weather Bureau station, and a USCG communication tower. Several federal agencies are currently working with the MIC to address potential sites contaminated by government activities.

FAA is planning to be on Annette Island working on our site preparation contract from/to approximately 5/10/99-7/31/99. Our release investigation work is scheduled for 8/1/99-8/30/99.

FAA'S PRESENCE ON ANNETTE ISLAND, ALASKA

Federal Aviation Administration
222 W 7th Ave, Box 14
Anchorage, AK 99513

FOR MORE INFORMATION CONTACT:
Garth Beyette,
Project Engineer.....(907) 271-3355
Catharine Benediktsson,
Program Manager.....(907) 271-5783

Federal Aviation Administration's Presence On Annette Island, Alaska

Historical Background

In 1918 the US Post Office established the first regular airmail service in the United States. In 1920 the first transcontinental airmail route was established using ground-to-air continuous wave (CW) Morse code radio communication stations along with light beacons to keep airplanes flying day and night. The radio telegraphy was also used to communicate with other radio stations to pass along weather conditions, forecasts, and landing field conditions.

In 1926 Congress passed the Air Commerce Act which assigned the development of all American civil aviation to the Department of Commerce, Bureau of Lighthouses, Aeronautics Branch. This branch later became the Bureau of Air Commerce (1934), then the Civil Aeronautics Authority (CAA, 1938), then the Civil Aeronautics Administration (1940), then the Federal Aviation Agency (FAA, 1958) and finally the Federal Aviation Administration (FAA, 1966).

Annette Island History

In the 1930s the Civil Aeronautics Authority surveyed the Metlakatla Peninsula of Annette Island, Alaska for potential use as an airport. The peninsula was the first large, available level piece of US soil north of Seattle, WA. Annette Island is located in Southeast Alaska, about 30 miles north of the Canadian border, 15 miles south of Ketchikan, and 600 miles north of Seattle.

As World War II (WWII) approached, this 12,000-acre site also became of interest to the War Dept. as a fueling and staging area for the defense of Alaska. In 1940, the War Dept. leased the Metlakatla Peninsula from the Metlakatla Indian Community (MIC). The MIC had existed on the island since 1887 and it became an Indian Reserve in 1891; the only Indian Reserve in Alaska. The land belongs to the Dept. of Interior and is overseen by the Bureau of Indian Affairs (BIA).

CAA Activity on Annette Island

The War Dept. built an Army Air Force base for 7,000 troops and a minor Navy base for joint use between the Navy and the US Coast Guard (USCG). The CAA, US Forest Service, and the National Weather Bureau, formerly the Weather Bureau, all helped build and provided support for the WWII facility. The CAA built a radio beacon site to provide a signal for aircraft to find the base. The CAA also assisted with the Army Airway Communication System (AACS), which was used for communication between air bases and the Alaska Communication System (ACS), which was used to communicate between Alaska and the lower 48 United States. The ACS was built in 1903 and operated by the Army Signal Corps.

CAA Operates the Annette Island Airport

After World War II, the Annette Island Landing Field and about a dozen other military airports in Alaska were turned over to the CAA and run as commercial airports. The CAA assumed approx. 400 of the 750 military buildings on the Metlakatla Peninsula and 5,000 acres of the leased site. Other buildings were turned over to the Navy, Weather Bureau, Department of Interior, or Pan American Airlines.

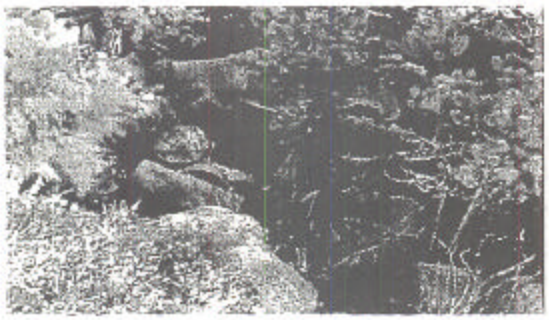
The CAA developed several types of radio communication to assist with air navigation across Alaska. In 1956 these communication systems were tied into the Army's Alaska Railroad/ACS system and into the US Air Force's (USAF's) Forward Propagation by Tropospheric Scatter System (White Alice). A White Alice receiving system was built at Smuggler Cove on Annette Island in 1960. The White Alice system was replaced by satellite communication by 1980. As part of the Cold War, the USAF built a satellite tracking station on 171 acres at Point Davison in 1958. This Point Davison

U.S. ARMY CORPS OF ENGINEERS
ANNETTE ISLAND

Environmental Information Fact Sheet
5 April 1999

Alaska District

The United States Army Corps of Engineers (Corps) is distributing this fact sheet to provide residents of Metlakatla with information about planned environmental investigations and cleanup. This fact sheet, part of the Corps community relations program, also provides a brief summary of the environmental history of Annette Island. More detailed information about Corps work on Annette Island will be placed in the Metlakatla library. Questions or information regarding this work may be directed to the Corps (see the name and address at the end of this fact sheet).



Drum Dump Scheduled for Removal

Health Fair

The Corps will have a display at the April 1999 Metlakatla Health Fair. Representatives will be present to explain and discuss our cleanup effort. You are encouraged to ask questions and let us know your concerns. We would appreciate any site knowledge you may be willing to share. A large map will be displayed at the Health Fair, showing areas of concern. The Corps will continue to participate in community involvement activities at Metlakatla throughout the year.

Environmental Background

The Metlakatla Indian Community (MIC) and the U.S. Environmental Protection Agency (EPA) have many concerns about environmental impacts that resulted from past government and private activities on Annette Island. These activities began in 1940 with the lease of 10,000 acres on Metlakatla Peninsula to the Department of War. Activities included building a World War II airfield/defense base for 7,000 troops and establishing a U.S. Navy base, a U.S. Coast Guard base, a U.S. Air Force ballistic missile early warning system complex, and a U.S. Army radar/communication system.

In 1946, the Army left the island, and most of the buildings and parcels of land were then leased to the Federal Aviation Administration (FAA), the Coast Guard, the U.S. Department of Education, the Alaska Department of Transportation and Public Facilities, and several private airlines.

The FAA assumed 5,000 acres of lease property and ownership of most of the facilities and continued to operate the Annette Island Airport from 1949 until the new Ketchikan International Airport replaced it in 1973. The Coast Guard continued to use the airport until moving to Sitka in 1977.

Environmental impacts resulting from past governmental activities include soil contamination found around some government fuel storage sites on Annette Island. Lead, asbestos, and oils containing polychlorinated biphenyls (PCBs) have also been found at building sites formerly leased by the government. In addition, abandoned drums, government vehicles, airplane parts, and other wastes are located at over a dozen sites formerly leased by the government.

Corps Long-Term Environmental Goals

The Corps' approach to environmental activities on Annette Island involves working closely with MIC over the next several years to achieve cleanup goals that are protective of human health and the environment. The MIC has produced a master plan for environmental cleanup of the island that lists approximately 90 sites. The Corps environmental program includes a number of those sites.

Section of Pipeline to be Drained and Closed

The Corps will be performing environmental investigation and cleanup work on eligible projects under two different Department of Defense (DoD) funding programs. The Formerly Used Defense Sites (FUDS) program is the primary funding source for cleaning up eligible military sites. To be eligible, the environmental impacts must be due to past military actions. The other funding source is the Native American Lands Environmental Mitigation Program (NALEMP). This is a much smaller program, and the DoD normally performs much of its NALEMP work by contracting directly with Native tribes or tribal associations. In this case, however, the Corps will be removing unsightly drums from Annette Island this season using NALEMP funding. (The MIC council will also be doing NALEMP-funded work in 1999, for asbestos abatement.)

The Corps, Bureau of Indian Affairs (BIA), and FAA signed a "memorandum of understanding" with MIC to cooperate on environmental issues associated with past federal government activity on the Metlakatla Peninsula. These parties also developed a Coordinated Comprehensive Cleanup plan to outline work needed. In this way, the government is making an effort to work together to speed the cleanup process and reduce costs.

Corps 1999 Environmental Work

In 1999, the Corps will remove debris and investigate possible contamination at Annette Island. Removal activities are intended to reduce safety concerns for people and the environment. Investigation activities are intended to indicate if further cleanup is needed, by collecting environmental samples at the debris removal sites and other sites listed below.

The Corps' primary contractor at Annette Island in 1999 will be Jacobs Engineering Group Inc. Other personnel present will include subcontractors for environmental cleanup and sampling, cultural issues, surveying, waste management, and community relations work.

Removal work to be conducted during the summer of 1999 will include the following:

1. Removal of DoD drums from several dump sites around the Peninsula. All contents of these drums will be categorized and properly disposed of. Drum removal sites are listed below:
   - Area 1, Metlakatla to Airport Road (or Quarry Haul Road) (North)
   - Area 1, Quarry Haul Road (South)
   - Area 2, Runway B Revetment (East)
   - Area 3, Runway B Revetment (West)
   - Area 4, Quarry Supply Dock Road (East)
   - Area 5, Quarry Supply Dock Road (West), and
   - Area 6 (Former Hospital Area);
2. Removal of one mercury-containing switch near Yellow Hill Lake Reservoir, Water Treatment Plant/Generator Building. In addition, associated soils that may contain mercury will be removed to the extent possible; and
3. Draining and abandonment of 2,500 feet of pipeline that runs between the former three wooden above-ground storage tanks and the Main Dock area.

Investigation work to be conducted during the summer of 1999 will include the following:

1. Sampling soil, groundwater, surface water, and sediment at the removal sites described above. This will help identify the type and location of possible contamination;
2. Performing laboratory analysis of those samples, in order to identify petroleum, oils, lubricants, metals, herbicides, pesticides, and polychlorinated biphenyls (PCBs) that may be present;
3. Sampling around the underground storage tank at the generator building, Yellow Hill Water Treatment Plant area, to determine if the tank has leaked any fuel and to evaluate removal options; and
4. Planning for sampling activities at the Former Hospital Area. The plan will include soil, groundwater, and surface water sampling, to obtain detailed information about any possible contamination of this area.

Information gathered through investigation activities will help create a clearer picture of environmental and human health concerns at the sites. The Corps will share this information and work with the community to perform satisfactory environmental cleanup.

- Contact -

The Corps will continue to update the Metlakatla community on future Annette Island environmental cleanup work. If you have any questions or comments, or if you wish to be added to a mailing list, please feel free to contact the Corps representative named below.

Andrea Elconin, Project Manager
U.S. Army Corps of Engineers, Alaska District
P.O. Box 898
Anchorage, Alaska 99506-0898

T·E·R·C

Total Environmental Restoration Contract

Total Environmental Restoration Contract

The Job: The TERC contracting mechanism offers a comprehensive approach for environmental cleanup of hazardous, toxic, and radioactive waste (HTRW) at federal facilities in Alaska.

Performance Period: July 1995 to July 1999 plus two 3-year options

TERC Points of Contact:

USACE, Alaska:

Mike Redmond, P.E., (907) 753-2867
Clare Jaeger, (907) 753 2879

Jacobs Engineering:

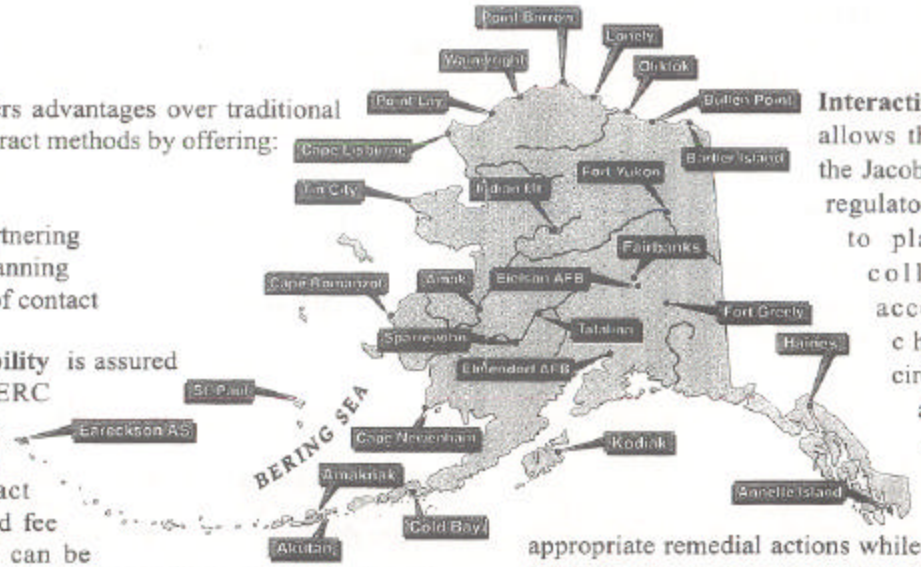
Chris Williams, (907) 563-3322

Overview:

The TERC concept provides a comprehensive strategy for environmental site cleanup at federal facilities. The TERC's features have been applied successfully on both large and small remote HTRW sites in Alaska. The United States Army Corps of Engineers (USACE) manages the TERC and oversees its contractor, Jacobs Engineering.

The TERC offers advantages over traditional fixed-price contract methods by offering:

- Flexibility
- Dedicated partnering
- Interactive planning
- Single point of contact



Contract flexibility is assured because the TERC provides the USACE a "tool box" of contract mechanisms and fee incentives that can be customized to differing site conditions, uncertainties, and contractor risks, even within a single task order. This flexibility allows for concurrent actions, such as investigations and removal activities, to be performed at a given site. Concurrent activities help to avoid delays, revise actions based on "real time" information, and expedite the ultimate goal—environmental cleanup.

Dedicated Partnering has resulted in an established TERC team committed to providing cradle-to-grave cleanup of HTRW sites. Partnering heightens *mutual trust in decision-making* and promotes quicker access to the full range of expertise and experience of Jacobs Engineering, the five TERC team subcontractors, and an increasing complement of specialty subcontractors with ID/IQ type agreements.

Interactive planning allows the USACE, the Jacobs team, and regulatory agencies to plan actions collectively, accommodate changing circumstances, and reach consensus on the most appropriate remedial actions while a project is ongoing. This helps avoid costly downtime and project delays.

A single point of contact from the USACE to the prime TERC contractor (Jacobs Engineering) streamlines communication through project authority channels and provides information to all subcontractors. This helps maintain focus on long-term, site-wide environmental objectives and expectations.

Community Involvement:

An active community involvement program is applied, along with successful TERC cleanup strategies, to keep local communities informed

and involved in environmental restoration of local facilities. Within Alaska, there are twelve environmental project locations where the TERC Team is or has been actively involved with local communities. These locations include:

- Fairbanks (Eielson AFB)
- Anchorage (Elmendorf AFB)
- Delta Junction (Fort Greely)
- Cold Bay (multiple sites)
- Dutch Harbor (multiple sites on Amaknak and Unalaska Islands)
- Akutan Island (Akutan Naval Station)
- Haines (Haines Fuel Terminal)
- Kodiak Island (multiple sites)
- Aniak
- Nikolski
- St. Paul
- Annette Island

The goal of community involvement is to keep local residents and key stakeholders informed about all cleanup activities at local facilities, and if possible, involved in the cleanup process. Local communities are being kept informed through a variety of methods and are encouraged to provide input into the decision making process for complete and effective environmental restoration.

Award Winning Performance:

The Alaska team received the Department of Defense Productivity Excellence Award and the prestigious Vice President Al Gore Hammer Award for both the Coordinated Comprehensive Cleanup (C3) program and the Akutan Naval Station project, Task Order No. 1.

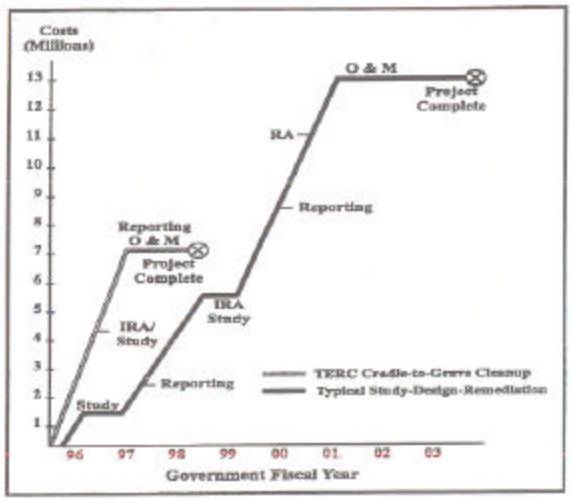
The awards are part of the National Partnership for Reinventing Government – building a government that works better and costs less.

Benefits to Alaska:

The resources and capabilities afforded by partnership relationships and the flexibility afforded by the TERC concept of site restoration are benefits to Alaska in the USACE's endeavor to clean up environmental hazards at federal facilities in Alaska.

In its fourth construction season, the TERC has benefited Alaska by:

- Accomplishing twelve cleanup projects in rural Alaska, including <u>total</u> *cradle-to-grave* investigation, design, interim removal actions, and short-term operation and maintenance.
- Awarding almost $45 million in contracts to Alaska's business community and involving more than 450 companies in the TERC program.
- Providing employment opportunities for more than 350 Alaskans, including approximately 75 people in rural Alaska, for cleanup at remote sites.
- Providing on-the-job training, industry certifications, and experience to local labor resources and small Alaska businesses.



The TERC telescopes multiple work phases at the former Akutan Naval Station.

T·E·R·C

Total Environmental Restoration Contract

Landing craft used to transport equipment and 1,000cy loads in the Aleutian Island TERC Restoration Projects.

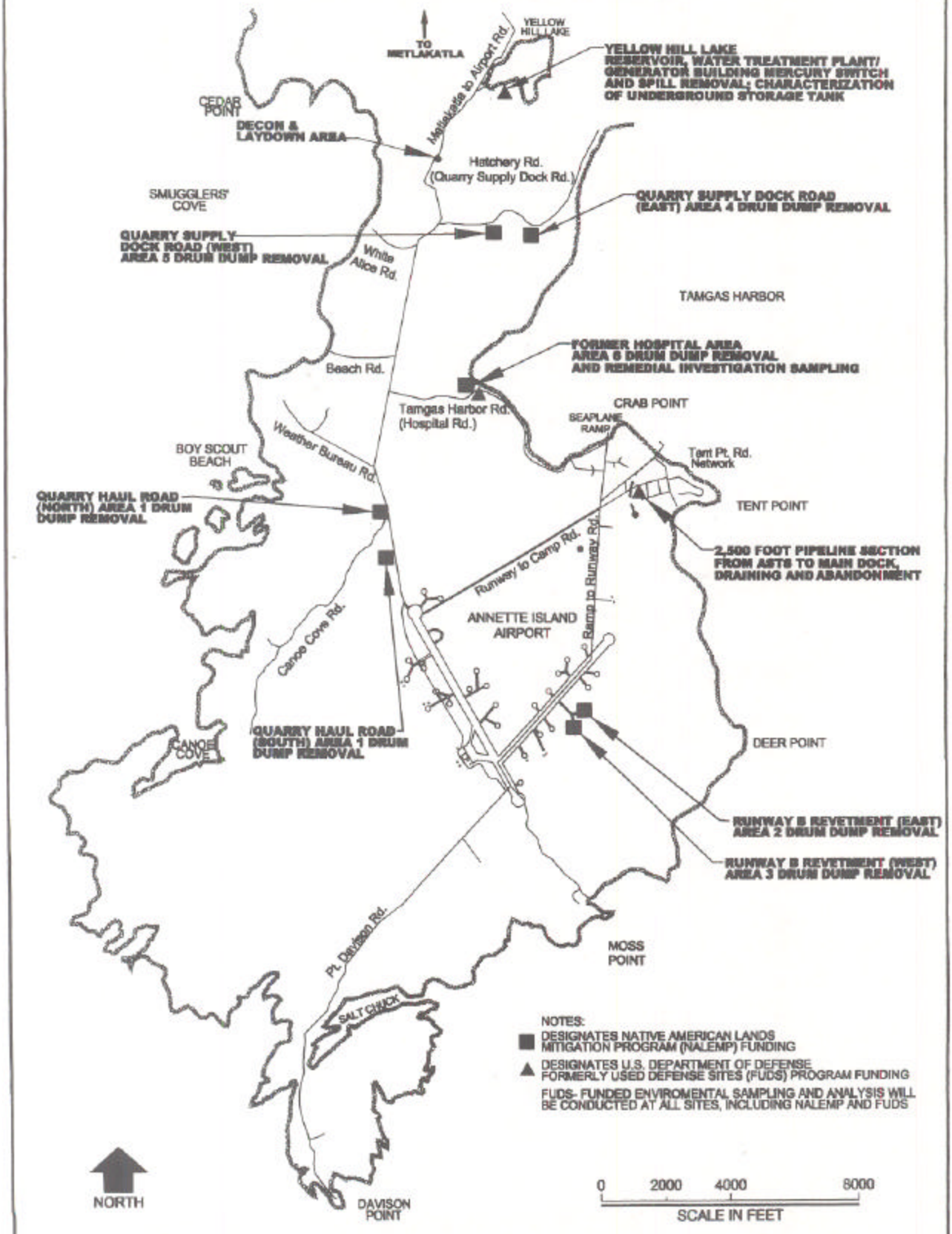
Alaska TERC Mission Statement

Together, jointly manage projects to exceed our customers' expectations for safe, timely, and cost effective remediation.

AK

JE®

METLAKATLA PENINSULA
1999 ENVIRONMENTAL ACTIVITIES
US ARMY CORPS OF ENGINEERS



Founders' Day Handouts
August 7, 1999

U.S. ARMY CORPS OF ENGINEERS

ANNETTE ISLAND

Environmental Information Fact Sheet August 1999

Alaska District

The United States Army Corps of Engineers (Corps) is distributing this fact sheet to provide residents of Metlakatla with information about planned environmental investigations and cleanup. This fact sheet, part of the Corps community relations program, also provides a brief summary of the environmental history of Annette Island. More detailed information about Corps work on Annette Island will be placed in the Metlakatla library. Questions or information regarding this work may be directed to the Corps (see the name and address at the end of this fact sheet).

Environmental Background

The Metlakatla Indian Community (MIC) and the U.S. Environmental Protection Agency (EPA) have many concerns about environmental impacts that resulted from past government and private activities on Annette Island. These activities began in 1940 with the lease of 10,000 acres on Metlakatla Peninsula to the Department of War.

Activities included building a World War II airfield/defense base for 7,000 troops and establishing a U.S. Navy base, a U.S. Coast Guard base, a U.S. Air Force ballistic missile early warning system complex, and a U.S. Army radar/ communication system.

In 1946, the Army left the island, and most of the buildings and parcels of land were then leased to the Federal Aviation Administration (FAA), the Coast Guard, the U.S. Department of Education, the Alaska Department of Transportation and Public Facilities, and several private airlines.

The FAA assumed 5,000 acres of lease property and ownership of most of the facilities and continued to operate the Annette Island Airport from 1949 until the new Ketchikan International Airport replaced it in 1973. The Coast Guard continued to use the airport until moving to Sitka in 1977.

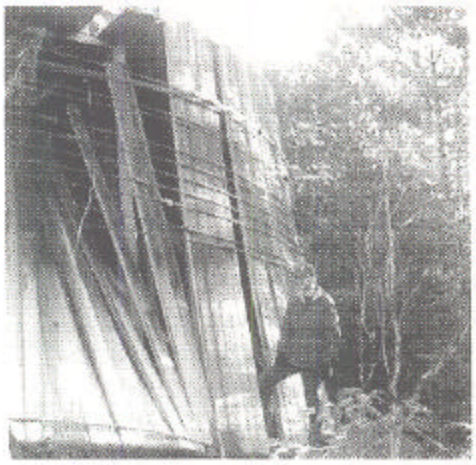
Environmental impacts resulting from past governmental activities include soil contamination found around some government fuel storage sites on Annette Island. Lead, asbestos, and oils containing polychlorinated biphenyls (PCBs) have also been found at building sites formerly leased by the government. In addition, abandoned drums, government vehicles, airplane parts, and other wastes are located at over a dozen sites formerly leased by the government.

Drum dump scheduled for removal.

Corps Long-Term Environmental Goals

The Corps' approach to environmental activities on Annette Island involves working closely with MIC over the next several years to achieve cleanup goals that are protective of human health and the environment. The MIC has produced a master plan for environmental cleanup of the island that lists approximately 90 sites. The Corps environmental program includes a number of those sites.

Section of military pipeline.



An 80,000-gallon wood-stave above-ground storage tank from the WWII era.

The Corps will be performing environmental investigation and cleanup work on eligible projects under two different Department of Defense (DoD) funding programs. The Formerly Used Defense Sites (FUDS) program is the primary funding source for cleaning up eligible military sites. To be eligible, the environmental impacts must be due to past military actions. The other funding source is the Native American Lands Environmental Mitigation Program (NALEMP). This is a much smaller program, and the DoD normally performs much of its NALEMP work by contracting directly with Native tribes or tribal associations. In this case, however, the Corps will be removing unsightly drums from Annette Island this season using NALEMP funding. (The MIC council will also be doing NALEMP-funded work in 1999, for asbestos abatement.)

The Corps, Bureau of Indian Affairs, and FAA signed a "memorandum of understanding" (MOU) with MIC to cooperate on environmental issues associated with past federal government activity on the Metlakatla Peninsula. These parties, known as the MOU Work Group, also developed a Coordinated Comprehensive Cleanup plan to outline work needed. In this way, the government is making an effort to work together to speed the cleanup process.

Corps 1999 Environmental Work

The Corps is removing debris and investigating possible contamination at Annette Island. Removal activities are intended to reduce safety concerns for people and the environment. Investigation activities are intended to indicate if further cleanup is needed, by collecting environmental samples at the debris removal sites and other sites listed below.

The Corps' primary contractor at Annette Island is Jacobs Engineering Group Inc. Other personnel present will include subcontractors for environmental cleanup and sampling, surveying, waste management, and community relations work.

Information gathered through investigation activities will help create a clearer picture of environmental and human health concerns at the sites. The Corps will share this information and work with the community to perform satisfactory environmental cleanup.

– Contact –

The Corps will continue to update the Metlakatla community on future Annette Island environmental cleanup work. If you have any questions or comments, or if you wish to be added to a mailing list, please feel free to contact the Corps representative named below.

Andrea Elconin, Project Manager
U.S. Army Corps of Engineers, Alaska District
P.O. Box 898
Anchorage, Alaska 99506-0898
(907) 753-5680

The Corps of Engineers Project Manager, Andrea Elconin, explains the use of personal protective clothing to attendees of Metlakatla's April 1999 Health Fair. Field personnel for the Corps will wear white Tyvek suits like these while conducting environmental activities.

Annette Island
Federal Agency Environmental Cleanup Update
August 1999

HELLO FROM THE "MOU WORK GROUP"

To help clean up environmental areas affected by past federal government activity, several federal agencies have signed a "memorandum of understanding" (MOU) with the Metlakatla Indian Community. The MOU Work Group, including the Corps of Engineers (Corps), the Bureau of Indian Affairs (BIA), the Federal Aviation Administration (FAA), and the Coast Guard, meet regularly to discuss environmental cleanup projects planned for Annette Island.

WHY IS THE QUARRY AREA FENCED?

The Quarry Area across the road from the landfill on the Metlakatla to Airport Road is being fenced to limit access this summer. This is for the health and safety of Metlakatla residents. Several of the MOU Work Group agencies are using the Quarry Area for two main activities:

- **To store waste metal, waste water, and other debris removed from sites; and**
- **To clean drums, equipment, and other material associated with the projects.**

Because of the heavy equipment moving in the Quarry Area and the types of waste that will be temporarily stored there, it will be fenced this summer. Thank you for respecting our safe operations.

CURRENT CORPS ACTIVITIES

During the summer of 1999, the Corps of Engineers is performing the following environmental activities on the Metlakatla Peninsula:

- **Military drum removal;**
- **Military debris removal; and**
- **Environmental sampling and analysis.**

The primary Corps activity sites are listed below. They can be seen on the map distributed with this flyer:

- Drum Dump Area 1, Metlakatla to Airport Road (or Quarry Haul Road) (North);
- Drum Dump Area 2, Runway B Revetment (East);
- Drum Dump Area 4, Quarry Supply Dock Road (East);
- Drum Dump Area 6 and other areas at the Former Hospital Location;
- Drum Dump Area 1, Quarry Haul Road (South);
- Drum Dump Area 3, Runway B Revetment (West);
- Drum Dump Area 5, Quarry Supply Dock Road (West); and
- Yellow Hill Lake Reservoir, Water Treatment Plant/Generator Building.

CURRENT FAA ACTIVITIES

In 1999, the FAA is conducting the following main environmental activities at Annette:

Site Preparation

Site preparation activities will be performed by MIC personnel under contract with the FAA, to prepare sites for investigation (below).

Site Investigation

Approximately 53 sites will be investigated to determine the extent of contaminants possibly released into the environment. Sampling locations will include the former asphalt plant area, tank farm at the old dock, former gas station, base camp area, former FAA housing, former public school, former airfield power plant, and numerous areas at the hangar.

Underground Storage Tank (UST) and Above-Ground Storage Tank (AST) Removal

Approximately 15 USTs and one AST will be removed. Potentially contaminated soil will also be removed at each tank site.

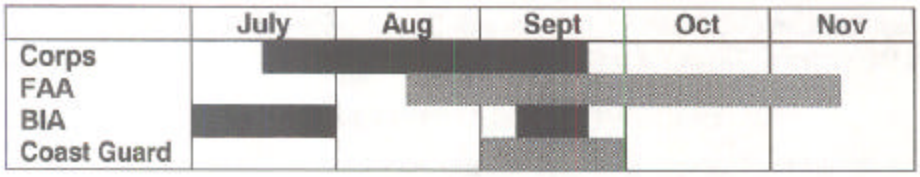
CURRENT COAST GUARD ACTIVITIES

- **Environmental Assessment**. The Coast Guard will be performing "preliminary assessments" of 13 possible environmental sites on Metlakatla Peninsula. This effort will be coordinated with the FAA work.
- **Tamgas Harbor Fuel Lines**. Earlier this summer, the Coast Guard successfully completed its Tamgas Harbor project, which was to remove abandoned pier fuel lines and associated fuel, contaminated soil, and batteries.

CURRENT BIA ACTIVITIES

- **UST Removal and Cleanup.** The BIA recently completed the removal of two USTs on Metlakatla Peninsula. They also removed contaminated soil at the UST sites. Soil sample results have confirmed that this site cleanup is complete.
- **Drum Removal.** Fifty-eight drums will be removed from the BIA Road Shop, located at the intersection of the Quarry Supply Dock Road and the Metlakatla to Airport Road. This work will be performed by the Corps of Engineers under contract with the BIA.

ESTIMATED SCHEDULE FOR ANNETTE ISLAND ACTIVITIES

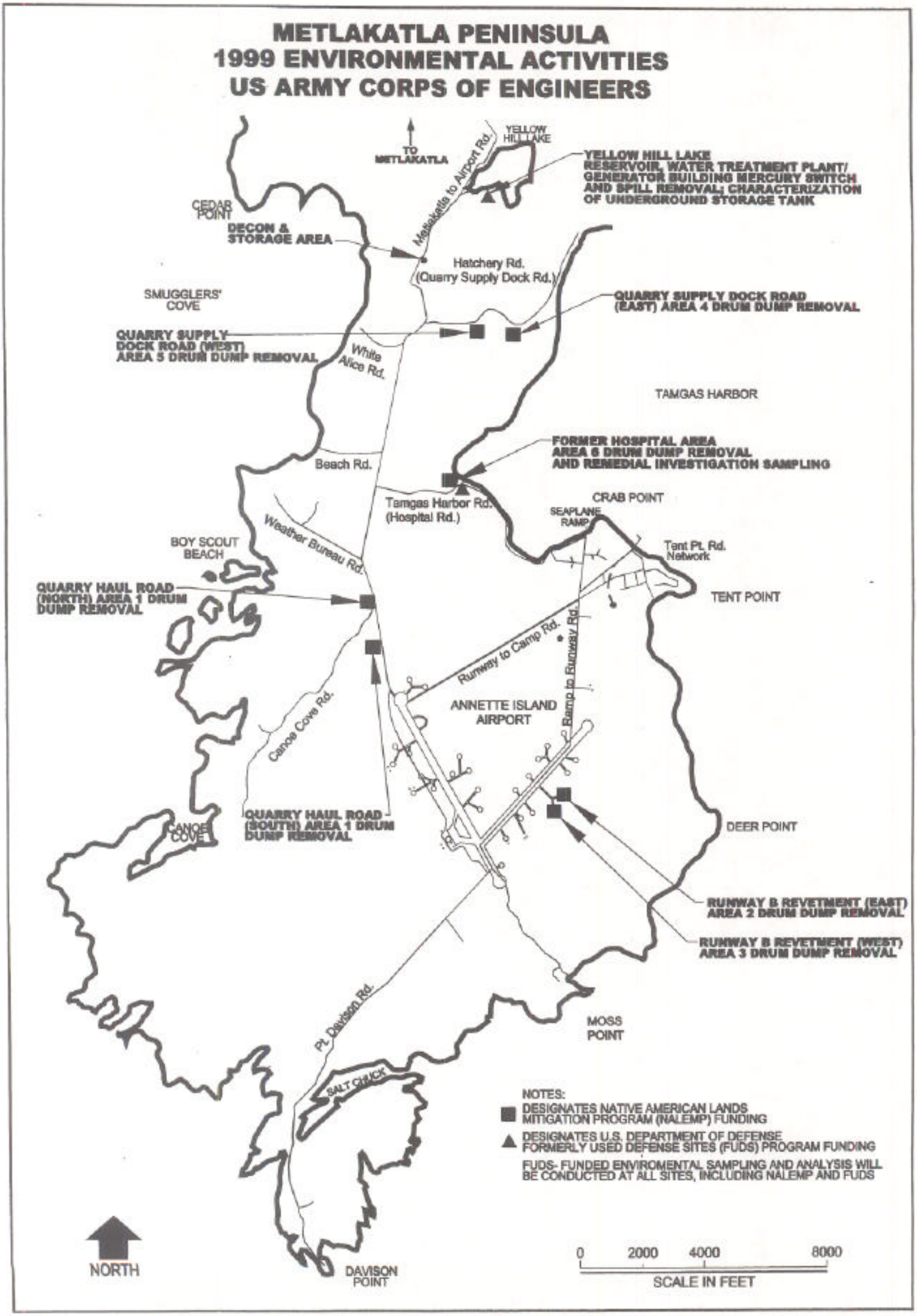


AGENCY REPRESENTATIVES

If you have questions about the federal agency environmental cleanup, please contact one of the individuals listed below:

Andrea Elconin	**Garth Beyette**	**Bob Deering**	**Ed Gunyah**	**Jeff Benson**
Corps of Engineers	**FAA**	**Coast Guard**	**BIA**	**MIC-E**
(907) 753-5680	(907) 271-3355	(907) 463-2440	(907) 886-3791	(907) 886-4200

METLAKATLA PENINSULA
1999 ENVIRONMENTAL ACTIVITIES
US ARMY CORPS OF ENGINEERS



APPENDIX D

Copies of *MALSHK* Articles

Congratulations goes to

Jacq Brendible

on your graduation. May you enjoy College..
WAY TO GO GIRL!!

P.S.

HAPPY 18TH BIRTHDAY!!

FROM KATHY, ERIN & BRANDI

ANNETTE ISLAND MOU WORK GROUP

Jeff Benson, Environmental Coordinator
886-4200

Several federal agencies are addressing environmental problems that resulted from past government activities on Annette Island. The agencies include the US Army Corps of Engineers (Corps), the Federal Aviation Administration (FAA), and the Bureau of Indian Affairs (BIA).. In August 1997, these three agencies signed a Memorandum of Understanding (MOU) with the Metlakatla Indian Community (MIC) to create the Annette Island MOU Work Group. The MOU Work Group includes the Corps, FAA, BIA, and MIC, with the US Coast Guard considered an informal member. The group's objective is to cooperatively address government-related environmental issues in order to protect human health and the environment on Annette Island.

The Annette Island MOU Work Group plans to publish this news column each month while conducting environmental activities on Annette Island. The column will inform local residents about government cleanup activities that will occur during the month. A calendar is provided below to show planned activities and dates.

The greatest amount of environmental activity in May will be conducted at the old Main Dock in Tamgas Harbor, where abandoned fuel lines will be drained. The fuel lines have fallen into the harbor and pose a potential fuel spill problem. The FAA will be sampling at the dock later this summer to identify any potential environmental impacts.

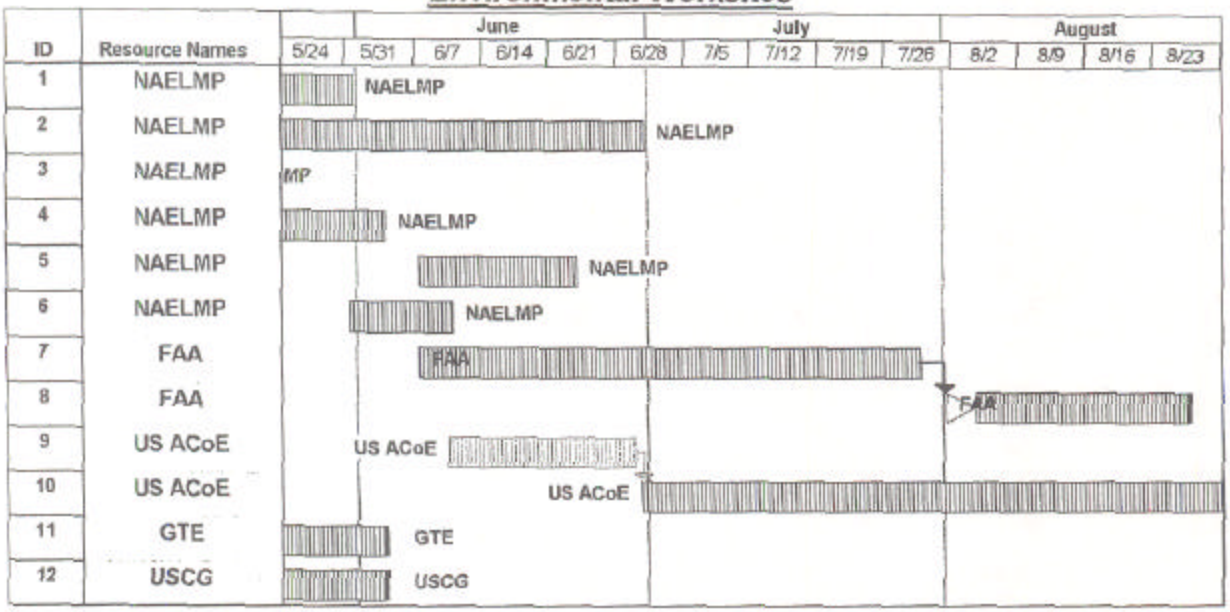
The FAA will also begin, in mid-May, to remove brush, collapsed buildings, and other debris from two dozen sites around the island. These activities will prepare the FAA to investigate possible fuel spills at those sites, which they plan to do in August and September. The Corps and the BIA are currently still planning other summer activities on the island.

If you have any questions about this or other environmental work, you can come by and see or call our local point of contact for the Annette Island MOU Work Group

Environmental Coordination Office

Submitted By Jeff Benson

Environmental Worksites



The Environmental Office is developing plans and cost estimates to clean up and close the Municipal Dump that we are now using. By the time this cleanup begins, we will need to have other places to dispose of the Community's solid waste. This is where recycling and reusing materials comes in. If we can recycle materials like aluminum cans, old cars, batteries, and cardboard; we can reduce the amount of waste material that has to be shipped off island or placed in a landfill for disposal.

As work continues on the Solid Waste Management Plan for the Community, we have various ideas and options for ways to handle waste. Our goal is to keep the Community informed of these options and the decisions that will have to be made. There will be opportunities for everyone to consider what needs to be done and what the best way to do it might be.

Thanks to everyone who took the time during the Health Fair to respond to the surveys about the locations of a recycle center, exchange center, and transfer station. We are analyzing the results of the surveys and preparing information related to the Community's waste management challenges to present to Council in June. Beginning in June, we are planning to do some door-to-door surveys. The purpose of these surveys is to let people know more about plans that are being developed and to get their input.

FAA

The Federal Aviation Administration (FAA) plans to start work in June to clean up over 20 sites on the Metlakatla Peninsula. The purpose of the work is two-fold:

- One is to clear the way for a drill rig and backhoes, which will be used later this summer to sample the soil for spilled oil, fuel and polychlorinated biphenyl's (PCBs)
- Second is to remove hazards associated with remaining lead-based paint and asbestos in abandoned buildings.

The work will consist of clearing trees and brush and removing building remains, empty drums, and surface-evident material debris including batteries, etc. as well as demolishing several buildings after abating their lead and asbestos hazards. The work is expected to last through August.

The FAA is contracting directly with the Metlakatla Indian Community to provide workers for this project. Besides working on the project, community members can help by offering any historic information about past government environmental practices or any maps, drawings, or photographs that could be used to find buried transformers, spilled fuel, or other source of contamination. If you have information you would like to share about past environmental practices of the government, please contact Jeff Benson at the environmental office (886-4200).

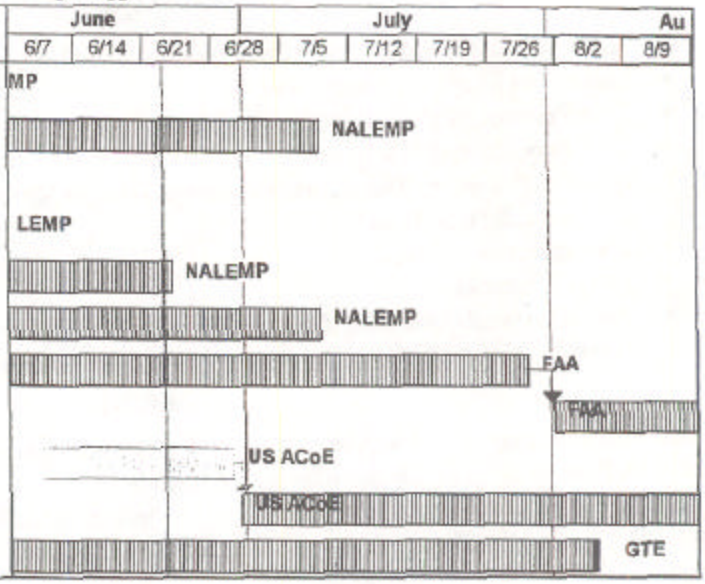
US ACoE

The Corps of Engineers and their contractor, Jacobs Engineering Group, plans to conduct their clean-up activities from mid-June until the end of August. During the last two weeks of June, they will be moving equipment onto the island and setting up the drum staging area in the quarry. The actual work of drum removal, pipeline clean out, and soil sampling will begin in July.

E.P.A.

Submitted by Jeff Benson

ID	Resource Names	Task Name
1	NALEMP	Asbestos Annette School
2	NALEMP	Asbestos Alascom
3	NALEMP	Asbestos CG FireHut
4	NALEMP	Asbestos Post Exchange
5	NALEMP	Asbestos Annette Inn
6	NALEMP	Asbestos Hangar Boiler
7	FAA	Site-Prep
8	FAA	Release Investigation
9	US ACoE	Mobilize
10	US ACoE	Drum Rem / Site Work
11	GTE	Tropo Site Mitigation



US CG

During the month of May, the Coast Guard Marine Safety Detachment Ketchikan has been busy dealing with the threat to Tamgass Harbor posed by abandoned pier fuel lines associated with the tank farm at the former air station. The Coast Guard was concerned that the old piping, which still contained fuel, was corroding and could cause a release to the harbor at any time. They removed 1,253 gallons of fuel, 4,000 feet of pipe, 20 cubic yards of contaminated soil and approximately 40 batteries. The threat to the harbor was eliminated and no fuel was spilled. This operation cost about $140,000.

US ACoE

The Corps of Engineers and their prime contractor, Jacobs Engineering Group, will begin work on the Metlakatla Peninsula in mid-July. The first task will be to grade a level area in the quarry and to set up the drum staging area there. By the end of July, we will begin the actual clean-up activities of removing abandoned drums and contaminated soil, and conducting soil and groundwater sampling. Work on the island is expected to continue into September.

MIC-E

The MIC-Environmental Office is the lead agency in the Peninsula Cleanup for Annette Islands Reserve. Through successful grant application procedures, the Environmental Coordination staff has worked toward ensuring local training and employment preferences for conducting the cleanup activities. The direct benefits from environmental projects are;

Training

- 37 individuals trained in Asbestos Abatement Certification in March 1998;
- 17 people for 40-Hour HAZWOPER certificates during the week of October 19, 1998; 23 more were certified with 40-Hour HAZWOPER training the week of October 26, 1998;
- 11 out of 37 took the 8-Hour Asbestos Abatement refresher class in March 1999. **Continued on Page 20.....**

E.P.A. Continued from Page 18.....

- ..and 31 people also enrolled in the 40-Hour HAZWOPER Certification held in March 1999.

Jobs

- Local hire records have shown that 2 laborers were hired for Ogden Environmental in the summer of 1998;
- 2 laborers for Clearwater Environmental;
- 2 members were interns for Ridolfi Engineers, Inc.,
- Dowl Engineers employed 3 people,
- HLA Contractors, with Wilder Construction, employed 6 local HAZMAT laborers, 3 HAZMAT Security Guards (and had them all enrolled in the Union),
- D&J Services with drivers,
- Haven Construction
- Alaska Commercial Divers hired 2 security guards and one operator,
- Haven/Ty-Matt, Inc. hired 6 local abatement workers, 4 brush cutters with 4 guards from Eagle Security;

Services

- Metlakatla Hotel and Suites, Mini Mart, Mini Mart Garage,
- Ethel's Bed & Breakfast, Uncle Fred's Café; Pro-Mech airlines;
- Uncle Fred's Bed & Breakfast R&J Deli, Annette Island Gas;
- Leask's Market, Jo's Place Family Investment Diversified,
- Met-Co, Chester Bay Café'. Boyer Barge,

The Environmental Office has established a list of available Contractors and certified or experienced workers in

- Asbestos Abatement,
- Hazardous Materials Operations
- and Heavy Equipment Operators/Drivers.

This list will be a reference when outside contractors need to hire, and hiring will be routed through the TERO program. In addition to contributing to the local economy, the local tribal government offices also receive financial benefits of environmental program funding sources by taking a percentage of each budget dollar amount which is based on their indirect cost proposal rate and drawn down by the Mayor's Contracts and Grants staff..

Dump Redesign

During the past year, the Environmental Office has been identifying waste materials that can be recycled and evaluating ways to collect, transport, and deliver these materials to recycling companies. We intend to move forward soon with ways to recycle aluminum cans and batteries. Later, we hope to develop better ways to recycle other materials including cardboard, waste oil, and scrap metal. We welcome any ideas or suggestions you have related to this effort.

Council adopted new regulations for waste management in April of this year. These regulations cover solid waste, hazardous waste, and underground storage tanks (USTs). It is important to note that the new regulations prohibit open dumping. In other words, dumping waste material in places other than authorized disposal sites is not allowed and will be subject to enforcement action. We are working on plans to install signs at several locations to remind and warn people that dumping is prohibited in these areas.

MALSHIK

SEPTEMBER 1999 Volume 2, Issue 7

~MAYOR'S OFFICE~

Tim Gilmartin

As we enter September many issues confront your community. The closing of the Annette Hemlock Mill and the impact that it will have on our Power & Light Company are two that I wish to address in this article. First, the closing of the mill is something I believe in some way we all knew was coming. I must say that your Mayor and Council are doing all that we can to make sure that the rights of the workers and the interests of a community are protected. We have contacted the BIA and have our community attorney going over our existing contract to make sure that we understand and are able to enforce all parts of the contract, especially the environmental issues that might have been created during the long operation of the mill. The council has requested the Ketchikan Pulp Company's new president, Chris Paulson come to Metlakatla and explained fully the closure procedure that will take place over the next two months. We have been notified that at the end of 60 days all employees will receive their severance package of one-week severance pay for every year of employment.

What do we do next, is the question that I believe everyone will ask at this point. We will begin to search for other companies interested in possible operation of our mill. During a recent lobbying trip to Juneau we had a discussion with Sealaska President Bob Lorscher about our mill; he made no commitment but did express the wish to continue discussing with us plans for the mill.

Metlakatla Power & Light will be severely impacted because of the closure. They have loans with the of Rural Utility Services (RUS) that will not be able to be paid because of the lack of income when the mill closes. RUS is aware of the situation and has expressed a great willingness to work with us to help make our payments and even possibly invest in a possible power intertie with Ketchikan. Ketchikan has expressed that they have a great need for additional power to help their community grow, but at this time have been unable to fulfill that need. We will work very hard in the future to see if our intertie power line can become one of their options and therefore provide income that will maintain a profitable Metlakatla Power & Light.

I sit here writing this article knowing that these are difficult times, but at the same time there is a positive that is happening in our community. One example, I hold in my hand a letter from the U.S. Department of Housing and Urban Development (HUD) which says congratulations we are receiving a grant of $ 500,000 to start our bottle water business. A business that we hope will create the full-time jobs that we are losing at this time with the mill closure. Life is changing, it is hard, but it is a fact of life. How we deal with this change will show the spirit of our community and I believe our community will show brightly as we head into the future.

I would like to finish this month by answering a question that may be asked in the community; "Am I going to run for Mayor again?" The answer is yes: I will be putting my name in as a candidate for the position of Mayor of the Metlakatla Indian Community. The past two years have been hard. I have faced many challenges both personal and politically, but I believe that the course I have set is leading us to better days and I have much work to do.

ENVIRONMENTAL COORDINATION OFFICE

JEFF BENSON

Photo A: The tank farm near the Tamgas Harbor Main Dock as it looked in 1964.

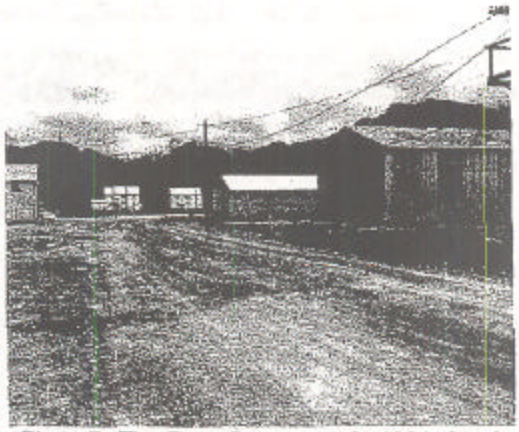


Photo B: The Base Camp area in 1964 showing the service/garage building in the foreground and FAA housing in the background.

The Federal Aviation Administration (FAA) plans to start work in September on our site preparation, tank removal, and release investigation contracts to clean up over 20 sites on the Metlakatla Peninsula. The site preparation work will consist of clearing trees and brush and removing building remains (such as the remains of buildings in Photo B above), empty drums, surface-evident material debris including batteries, etc. as well as demolishing several buildings after abating their lead and asbestos hazards. The work is expected to last through November.

The tank removal project will remove approximately 15 underground storage tanks (USTs), including those from around the FAA housing area (see photo above) and some from around the hangar, as well as up to 20 cubic yards of contaminated soil associated with each of the tanks.

The release investigation work scheduled for this year is to determine what types of contamination may be present and the extent to which the area has been impacted. Release investigation activities will include marine harvest sampling, subsurface soil sampling (such as at the tank farm in Photo A above), water sampling, etc. This type of investigative sampling is required to make decisions about what to clean up and how to go about the process.

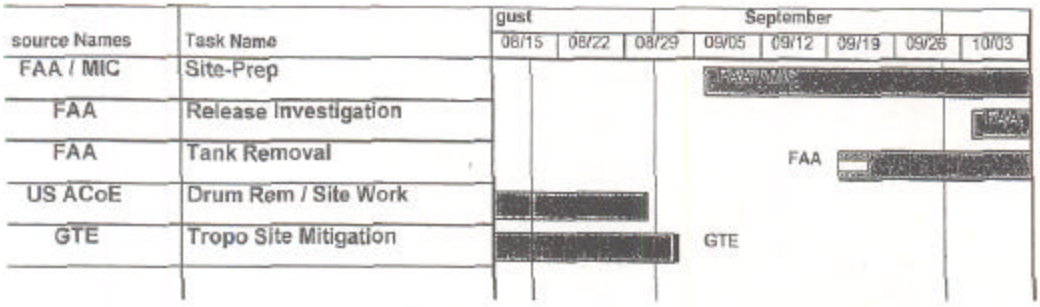
The FAA is working to contract directly with the Metlakatla Indian Community to provide workers for the site preparation activities. Besides working on the project, community members can help by offering any historic information about past government environmental practices or any maps, drawings, or photographs that could be used to find buried transformers, spilled fuel or other sources of contamination. If you have information you would like to share about past environmental practices of the government, please contact Jeff Benson at the environmental office (886-4200).

US Army Corps of Engineers In August, the Corps of Engineers completed most of its 1999 Annette Island fieldwork. The Corps' primary task this year was to remove drums at several drum dumps around the Metlakatla Peninsula. This task included disposal of the drums and associated waste. It also included sampling the soil under the drum dumps, in order to identify any environmental contamination at these areas. Miscellaneous other debris removal and sample activities were also conducted by the Corps in August.

The federal agencies are using the quarry area across the road from the landfill to store their equipment and environmental waste. For safety reasons, the Corps is constructing a gate at the entrance to the quarry area. Access to the quarry will be restricted during the evening hours. Thank you for your cooperation.

Environmental

By Jeff Benson



During the past two months, the MIC Environmental Office has developed guidelines that will be used to direct and regulate cleanup of open dumps and contaminated sites. These new guidelines, titled "Guidelines for Cleanup and Remediation of Open Dumps and Other Contaminated Sites" have been reviewed by Council and distributed to the agencies responsible for environmental cleanup projects within Annette Islands Reserve. These guidelines include requirements for planning and carrying out cleanup projects and cleanup levels for soil and water.

Asbestos Abatement work under the Native American Lands Environmental Mitigation Program (NALEMP) has been completed at six (6) sites on the Peninsula. This work included removal of asbestos insulation and piping from five (5) abandoned boilers, cleanup of asbestos-containing debris at two (2) sites, and removal of asbestos tile and other asbestos-containing material at the MP&L Office Building.

Solid Waste Disposal, there are only **two (2)** authorized solid waste disposal sites for the Community. The Quarry is the authorized disposal site for abandoned vehicles and household appliances **only**. All other non-hazardous waste such as garbage, yard waste, and debris should be taken to the municipal dump.

Please consider composting your yard waste at home. We have composting information available at our office. Waste motor oil should be taken to storage tanks that are located at both breakwaters. Used batteries should be recycled. Batteries can be taken to the NAPA auto parts dealer in Ketchikan or to a collection location for shipping to a recycling facility.

RECYCLING

Those of you who are interesting in recycling are invited to a meeting to:

*learn more about recycling on Metlakatla
*discuss how to make recycling work in Metlakatla
*evaluate and view pictures of what other communities are doing.

PLEASE JOIN US ON THURSDAY, SEPTEMBER 9, 1999 AT 7:00 PM AT THE LONG-HOUSE.

MALSHK

Vote October 5th, 1999 in the Primary Election

October 1999 Volume 2, Issue 8

MAYOR'S OFFICE

Tim Gilmartin

On September 13, I arrived in Washington D.C. to lead a lobbying effort for the community. The delegation consisting of myself, Councilmen Sol Atkinson, Victor Wellington, Gilbert Nelson (who were there for Power & Light) and Ed Gunyah of the BIA. From our school district was, School Board President Paul Brendible and School Superintendent Mr. Pratt.

Matters of vital importance that we were trying to get across to our legislators were: Impact Aid, money that is lost to the state under the present formula that we believe should come directly to our Annette Island schools. Walden Point Road, which we must continue the fight for funding in order to maintain the steady progress that was made these last two years. Contract Support, which is the under payment of moneys that go directly to the community for running federal program's. I offered oral and written testimony at a hearing held by a Senator Nighthorse Campbell who is chairman of the Senate Indian Affairs Committee. Running federal programs without sufficient dollars in contract support unfair and unjust to Indian country. MP&L, who will not be able to meet its long-term debt because of the closure of the LP mill and due to the reduction of timber coming out of the Tongrass forest. New Clinic, this project has been on the IHS project list for quite some time and we would like to see it started in the near future.

I would like to state as clearly as I possibly can, that when we met with Senator Stevens and his staff, Senator Murkowski and his staff, and Congressman Young and his staff, that I stated as clearly as I could that we believe we are due a similar amount of money that was received by both Ketchikan and Wrangell. Metlakatla has suffered as great or greater than either of those communities and now that our mill is closed, we deserve the same kind of consideration and financial assistance that was offered to those two communities. All three of our representatives stated that they understood our conditions and problems. That they would work towards some sort of assistance, but also stated that it was late in the budget process in Washington and it would be difficult but not impossible to try to get us some financial assistance.

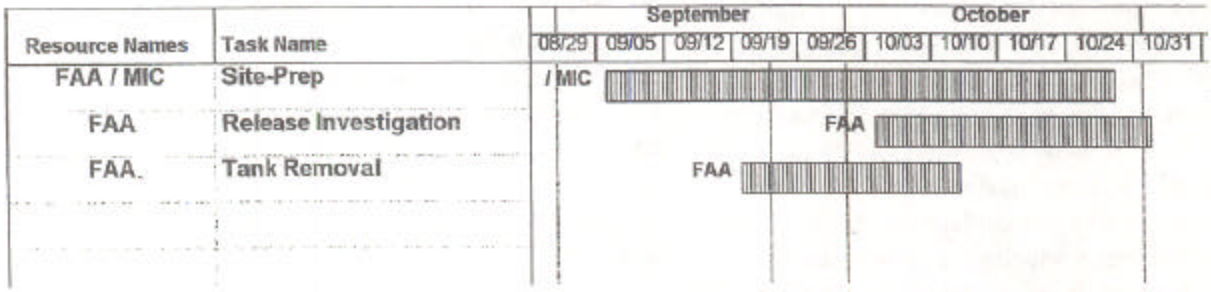
Finally, I would like to mention the closure of our own small MFP mill. During the last fiscal year losses have mounted to the point where we can no longer continue in our present direction. The small mill is suffering under the same conditions as the large LP mill and that there is not enough money and not enough quality timber. Someone said that we should have closed the mill sooner, but I would say to them that they should go look at how hard our people have worked to turn this enterprise around and what a fine product they produce. It is not their fault that economic conditions have stopped their progress. I have supported the mill and would continue to support the mill if I could find the dollars to do so. The creation of jobs has to be the number one priority of this administration or any other.

Environmental

Submitted by Jeff Benson

US Army Corps of Engineers

The US Army Corps of Engineers, Alaska District, recently completed their summer field work at Annette Island. The Corps removed drums from six military drum dump sites around the Metlakatla Peninsula and removed mercury-contaminated debris and soil from the Yellow Hill Lake Reservoir site. At each drum dump site, any remaining drum contents were removed, analyzed. and disposed of. In addition, soil surface water, sediment, and groundwater samples were collected from the sites to identify any possible remaining contamination. Based on the information gathered this summer, the Corps will evaluate any need for future environmental actions at these sites.



EMPLOYMENT & TRAINING

Continued from Page 11....

We are required to drop you from our program if you do not comply with this request. **PARENTS** when your provider does not comply with program requirements this directly affects you. Please encourage your provider to:

- ✓ Complete Interested Persons Report
- ✓ Perform annual TB test
- ✓ Turn time cards in on a timely basis (signed)
- ✓ Wait 5 business days before calling about their 'check'

As a parent you are required to let us know in advance and do your paperwork in advance, if there will be any changes in childcare, so that we can assist you in paying for your childcare.

TO QUINNON'S
FAMILY
&
FRIENDS
&
CLASSMATES

S.R. CARL Q. TYLER
RECRUIT COMPANY
COMPANY A 156
HEALY HALL
U.S.C.G. TRAINING
CENTER
1 MUNRO AVENUE
CAPE MAY, NJ
08208-5083
HE'S IN BOOT CAMP SO
PLZ DROP HIM A LINE.

~FAA~

Photo A: The tank farm near the Tamgas Harbor Main Dock during brush clearing operations.

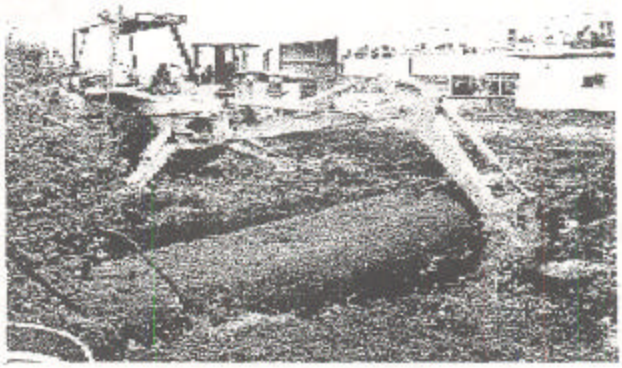


Photo B: Underground Storage Tank (UST) removal in progress near the Hangar.

The Federal Aviation Administration (FAA) has begun work on our site preparation—Phase I (Photo A above) contract and finished our tank removal (Photo B) contract, beginning our efforts to clean up over 20 sites on the Metlakatla Peninsula.

Phase I of the site preparation work is contracted through MIC and consists of clearing and removing trees and brush. As trees and brush are cleared, the larger alder will be stacked on site for residents to retrieve for personal use. Come out to the sites (after hours, please) to see the job and get some cut alder. We started at the tank farm near the old Tamgas Harbor dock, and are working our way up the road to the former gas station area and across the road to the former FAA storage yard. Anyone is welcome to come by and take a look at the sites. The work on Phase I is expected to last through early December.
Phase II of the site preparation activities will come later under separate contract with MIC, and will involve removing building remains and surface-evident material debris such as batteries and empty drums.
Phase II should start up after the new year.

During our tank removal project, FAA removed a total of fifteen fuel storage tanks (Photo B). Field work ran from September 22 through October 8, 1999. Nine underground storage tanks (USTs) and one above-ground storage tank (AST) were removed from the FAA former living quarters units. One UST was removed at the former air traffic control tower. Two USTs were removed from the remains of a public school and service station that are on former FAA property. Two USTs were removed from the vicinity of the standard oil service building, also on FAA former property. Approximately 220 cubic yards of contaminated soil were removed. Of those, 130 cubic yards were contaminated with petroleum products, 50 cubic yards possibly contained lead, and 40 cubic yards potentially contained petroleum and/or lead. Approximately 3000 gallons of ground water were treated and released. If you know the location of any USTs associated with past government activities, please contact MIC Environmental Coordinator Jeff Benson at 86-4200. The release investigation work scheduled to begin in spring of 2000 is to determine what types of contamination may be present and the extent to which the area has been impacted. Release investigation activities will include shellfish sampling, subsurface soil sampling, water sampling, etc. This type of investigative sampling is required to make decisions about what to clean up and how to go about the process.
The FAA regrets to inform MIC that its Annette Island release investigation scheduled Oct 18, through Dec 15, 1999, has been postponed indefinitely

Housing Improvement Program

Frieda R. Damus, Director

The Housing Improvement Office opened its doors on October 5, 1999 after a shutdown due to lack of funds. The Metlakatla Housing Authority has awarded the Metlakatla Indian Community funds for home repairs and improvements for FY 2000.

Priority is given to those who have been on the waiting list for a year or two; however, anyone who has a need for assistance can pick up an application at the HIP office in the Human Resource Center. Your application will be put on a waiting list for future funding.

Applications must be complete before they will be considered. A copy of proof of ownership of the property, such as a lot certificate, and a copy of your 1998 income tax return must be attached to your application. This is used to determine your eligibility under the 1999 poverty level guidlines.

We are expecting funds from the Office of Self Governance sometime this year. There is no information on the amount of dollars we will receive, or when the funds will be awarded. We suffered a fifty percent cut in funds last year.

REACH/LIHEAP PROGRAMS

Tlingit and Haida Office mailed the FY 2000 Low Income Energy Assistance Program application forms last week. These will be available soon. In order to qualify for the REACH program, you must be approved for the LIHEAP program. This year you need not report Permanent Fund income for you and your family. The Tlingit and Haida office in Juneau will determine your eligibility for the programs.

Application forms were mailed directly to those persons 62 years and older. If you received one, be sure to complete it as soon as possible. If you need help with the application, stop in at my office in the Human Resource Center.

RIDOLFI ENGINEERS

BRUNO RIDOLFI

CONTINUED FROM PAGE 6....

Peninsula Cleanup: The environmental cleanup work continued at the GTE Tropospheric Relay Station and the FAA housing area. At the GTE site approximately 10,000 gallons of water contaminated with PCBs were shipped off the island for disposal. Approximately 80 20-foot containers of soil contaminated with petroleum and PCBs were also shipped off island for disposal. As of mid-October all contaminated soil and water have been removed from the site, except for about eight containers of soil from the area where the contaminated soils were stockpiled. Once this soil is removed, another set of samples will be taken and analyzed to confirm that the contaminants on this site have been removed. All indications are that this site will be cleaned up and closed in accordance with MIC cleanup standards.

FAA removed several abandoned underground storage tanks (USTs) from the areas in front of the houses at their former housing area at Tent Point, near the old school house, and at the Hangar. As the tanks were removed, samples of the soil that surrounded each tank were taken to determine the amount of contamination in the soils. Once this is known, the contaminated soil will be removed and treated or disposed of in order to meet MIC cleanup standards at each site.

APPENDIX E

Community Notification Information

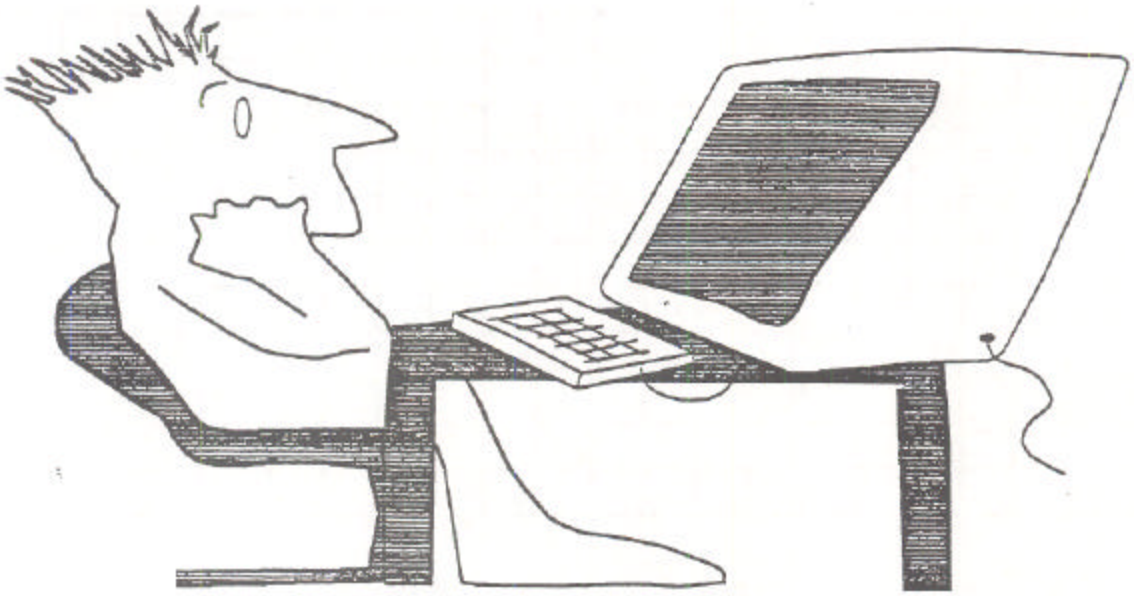
KTKN AM Radio

Public Service Announcements can be broadcast on this Ketchikan radio station free of charge. Fax brief announcements to the station at (907) 225-0444.

MICTV

MICTV Channel 3 is a rotating community bulletin board. Announcements can be made by completing the attached form. Payment arrangements must be made prior to submitting the announcement. MICTV telephone number is (907) 886-4288.

M.I.C.TV. Ad charges
Single page



Per page: 26 squares across. and 11 lines down.

Day $6.00

Week $30.00

2 weeks $50.00

30 days $60.00

30 days with changes to ad once every week $75.00

Weekend special. put ad on Friday evening and take off on Monday morning $10.00

M.I.C.TV.

P.O. Box 8

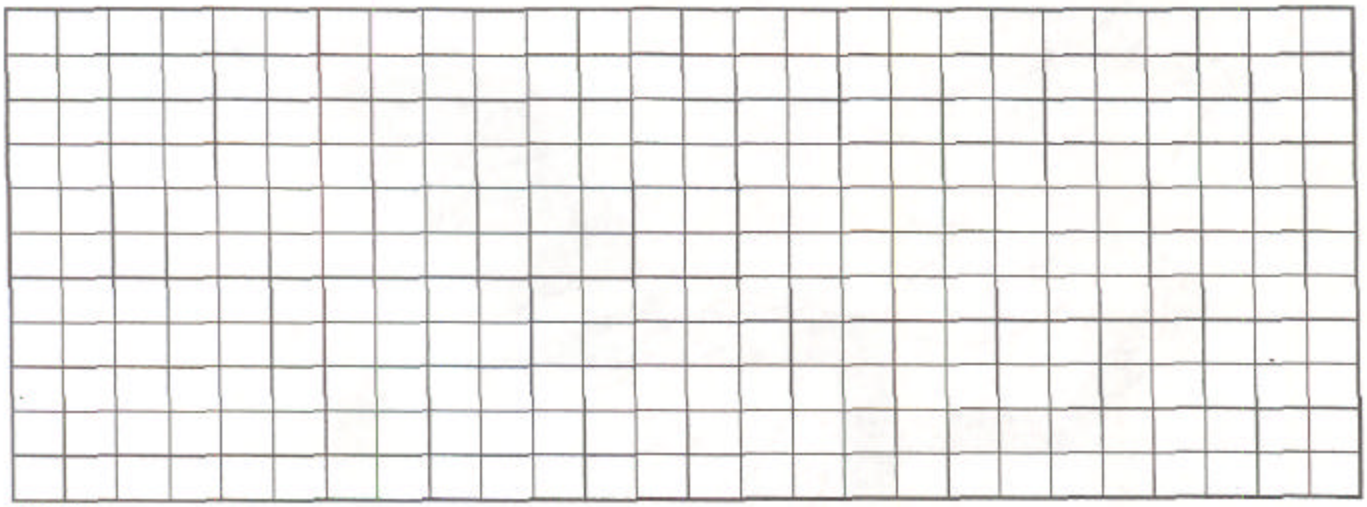
Metlakatla. Alaska 99926

907-886-4288 TV Station # or 886-4441 ext. 245 Council Chambers voice

907-886-8823 TV fax

M.I.C.TV. P.O. Box 8 Metlakatla, Alaska 99926 Office 907-886-4288 Fax 886-8823

***** **DEADLINE 3:PM Daily!!** *****



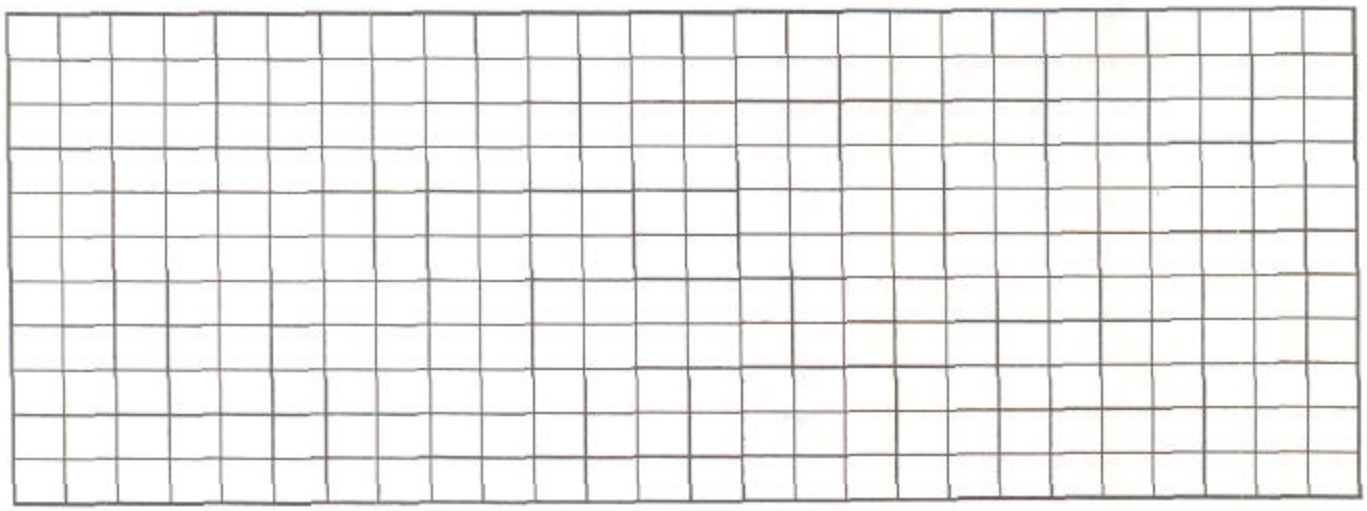
Page #1

No. of days:_____ From:_____ To-off day:_____

Receipt No.#:_____ Amount Paid:_____

Name:_____ Phone:_____

Please fill out form, 1 letter per square, periods,commas, !,$,&,*,-,+,?: Require 1 square,
Leave 1 square blank between words, numbers, etc.
Do not add extra words outside entire square (26 characters or boxes across & 11 boxes down).
***** Please keep signs simple & short if possible ***** **3:pm Deadline Daily!!** *****



Page #2

No. of days:_____ From:_____ To-Off day:_____

Receipt No.#:_____ Amount Paid:_____

Name:_____ Phone:_____

APPENDIX F

List of Contacts and Interested Parties

List of Interested Metlakatla Residents from the Health Fair, April 14, 1999

Robert Nathan
P.O. Box 487
Metlakatla, Alaska 99926
(907) 886-7632

Edwin Verney
P.O. Box 637
Metlakatla, Alaska 99926
(907) 886-1200

George Dundas
P.O. Box 386
Metlakatla, Alaska 99926
(907) 886-6111

Patricia Beal
P.O. Box 442
Metlakatla, Alaska 99926
907) 886-1122

Richard Schwehm
P.O. Box 453
Metlakatla, Alaska 99926
(907) 886-5674

Nandi Than
P.O. Box 612
Metlakatla, Alaska 99926
(907) 886-7711

Conrad Ryan
P.O. Box 496
Metlakatla, Alaska 99926
(907) 886-7706

George Ackerman
P.O. Box 255
Metlakatla, Alaska 99926
(907) 886-7330

Jerry Darling
P.O. Box 205
Metlakatla, Alaska 99926
(907) 886-6978

Jeffrey L. Staples
P.O. Box 642
Metlakatla, Alaska 99926
(907) 886-4561

Marcie Scudero
P.O. Box 208
Metlakatla, Alaska 99926
(907) 886-7033

List of Interested Metlakatla Residents from Founders' Day, August 7, 1999

Jeff Moran
P.O. Box 40
Metlakatla, Alaska 99926
(907) 886-3474

Pamela and Michael McGilton
P.O. Box 398
Metlakatla, Alaska 99926
(907) 886-7166

Diana Yliniemi
P.O. Box 246
Metlakatla, Alaska 99926
(907) 886-3426

Dee White
P.O. Box 449
Metlakatla, Alaska 99926
(907) 886-1212

Douglas Hayward
P.O. Box 348
Metlakatla, Alaska 99926
(907) 886-4561

Millie Kennedy
2130 University Ave., #97
Madison, Wisconsin 53705
(608) 236-9569

Ray Benson
P.O. Box 77
Buckland, Alaska 99727
(907) 484-2232

Colby J. Williams II
P.O. Box 695
Metlakatla, Alaska 99926
(907) 886-6249

Ralph Carmona
P.O. Box 645
Metlakatla, Alaska 99926
(907) 886-7253

Dennis Dunne
P.O. Box 2211
Metlakatla, Alaska 99926
(907) 886-4424

MIC Council Chairs (as of January 2000)

Frieda R. Damus
MIC, HEW Committee Chair
P.O. Box 8
Metlakatla, Alaska 99926
(907) 886-4441

Victor C. Wellington, Sr.
MIC, Natural Resources Committee Chair
P.O. Box 8
Metlakatla, Alaska 99926
(907) 886-4441

Ted Littlefield, Sr.
MIC, Law & Order Committee Chair
P.O. Box 8
Metlakatla, Alaska 99926
(907) 886-4441

Terrance H. Booth, Sr.
MIC, Lot Committee Chair
P.O. Box 8
Metlakatla, Alaska 99926
(907) 886-4441

Paul T. Brendible, Jr.
MIC, Planning Committee Chair
P.O. Box 8
Metlakatla, Alaska 99926
(907) 886-4441

Paul T. Brendible, Jr.
MIC, Finance Committee Chair
P.O. Box 8
Metlakatla, Alaska 99926
(907) 886-4441

Agency Representatives

Andrea Elconin
U.S. Army Engineer District - Alaska
CEPOA-PM-P (Elconin)
P.O. Box 898
Anchorage, Alaska 99506-0898
(907) 753-5680

Garth Beyette
Federal Aviation Administration
Airways Facility Division
222 West 7th Avenue, #14
Anchorage, Alaska 99513-7587
(907) 271-3355

Ed Gunyah
Bureau of Indian Affairs
P.O. Box 450
Metlakatla, Alaska 99926
(907) 886-3791

Jeff Benson
Metlakatla Indian Community
P.O. Box 3
Metlakatla, Alaska 99926
(907) 886-4200

Robert Deering
U.S. Coast Guard
Civil Engineering Unit Juneau
ATTN: Bob Deering
P.O. Box 21747
Juneau, Alaska 99502-1747
(907) 463-2440

MIC Council Representatives

Solomon D. Atkinson
MIC, Mayor
P.O. Box 8
Metlakatla, Alaska 99926
(907) 886-4441

Judy Lauth
MIC, Secretary
P.O. Box 8
Metlakatla, Alaska 99926
(907) 886-4441

Sandra S. Wilson
MIC, Treasurer
P.O. Box 8
Metlakatla, Alaska 99926
(907) 886-4441